



Direct Expansion & Tempered Water Air Conditioning

Marine Components Price List

Manufacturer's Suggested Retail Prices (USD)

Effective Price Date: January 11, 2010

Prices are subject to change without notice.
This price list supercedes all others.

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Notes:

- 1) Cruisair sells a large number of items for dealers, distributors, boat builders, and for international distribution. There are many customer-specific items which are not included in this price list. If you need an item, and can't find it in this list, ask your distributor, master dealer or one of the sales staff at Cruisair, it may still be available.
- 2) If you have a time critical situation, please tell us. We will do our best to facilitate your needs. Please do not request SAME DAY SERVICE unless absolutely necessary. For in-stock items, orders received by noon, Eastern Time, will be shipped the following working day. Drop shipped orders are subject to a \$15.00 processing fee.

Quick Reference Pricing - DIRECT EXPANSION (List Price USD)

Self-Contained System, 115V Turbo with Q-Logic 410A

6,000 BTU/Hr	
STQ6-410A	\$1,995.00
722200200	\$215.00
CXP10	\$22.00
V8X8 RA	\$32.00
V8X4 V	\$26.00
PML250	\$330.00
Total	\$2,620.00

8,000 BTU/Hr	
STQ8-410A	\$2,155.00
722200200	\$215.00
CXP10	\$22.00
V10X8 RA	\$32.00
V6X8 VH	\$40.00
PML250	\$330.00
Total	\$2,794.00

10,000 BTU/Hr	
STQ10-410A	\$2,365.00
722200200	\$215.00
CXP10	\$22.00
V10X12 RA	\$42.00
V6X10 VH	\$43.00
PML250	\$330.00
Total	\$3,017.00

12,000 BTU/Hr	
STQ12-410A	\$2,445.00
722200200	\$215.00
CXP10	\$22.00
V14X10 RA	\$46.00
V6X12 VH	\$48.00
PML250	\$330.00
Total	\$3,106.00

16,000 BTU/Hr	
STQ16-410A	\$2,575.00
722200200	\$215.00
CXP10	\$22.00
V14X14 RA	\$46.00
V8X10 VH	\$48.00
PML500L	\$410.00
Total	\$3,316.00

Self-Contained System, 115V Turbo with SMXir

6,000 BTU/Hr	
STX-6HV 417A	\$2,095.00
SMXirB	\$225.00
CXP10	\$22.00
V10X8 RA	\$32.00
V7X7 VH	\$53.00
PML250	\$330.00
Total	\$2,757.00

8,000 BTU/Hr	
STX8-HV 417A	\$2,255.00
SMXirB	\$225.00
CXP10	\$22.00
V10X10 RA	\$34.00
V6X10 VH	\$43.00
PML250	\$330.00
Total	\$2,909.00

10,000 BTU/Hr	
STX10-HV 417A	\$2,465.00
SMXirB	\$225.00
CXP10	\$22.00
V10X10 RA	\$34.00
V6X10 VH	\$43.00
PML250	\$330.00
Total	\$3,119.00

12,000 BTU/Hr	
STX12-HV 417A	\$2,545.00
SMXirB	\$225.00
CXP10	\$22.00
V10X12 RA	\$42.00
V6X12 VH	\$48.00
PML250	\$330.00
Total	\$3,212.00

16,000 BTU/Hr	
STX16-HV 417A	\$2,675.00
SMXirB	\$225.00
CXP10	\$22.00
V12X12 RA	\$40.00
V8X10 VH	\$48.00
PML500L	\$410.00
Total	\$3,420.00

Remote System, 115V NEW Emerald Series

7,000 BTU/Hr	
EQ8-410A	\$2,070.00
TVE8	\$1,040.00
CXP30	\$43.00
TSEP30	\$51.00
SMXirB	\$225.00
V10X8 RA	\$32.00
V7X7 VH	\$53.00
PML250	\$330.00
Total	\$3,844.00

10,000 BTU/Hr	
EQ10-410A	\$2,210.00
TVE10	\$1,090.00
CXP30	\$43.00
TSEP30	\$51.00
SMXirB	\$225.00
V10X12 RA	\$42.00
V6X10 VH	\$43.00
PML250	\$330.00
Total	\$4,034.00

12,000 BTU/Hr	
EQ12-410A	\$2,290.00
TVE12	\$1,120.00
CXP30	\$43.00
TSEP30	\$51.00
SMXirB	\$225.00
V14X10 RA	\$46.00
V6X12 VH	\$48.00
PML250	\$330.00
Total	\$4,153.00

16,000 BTU/Hr	
EQ16-410A	\$2,390.00
TVE16	\$1,190.00
CXP30	\$43.00
TSEP30	\$51.00
SMXirB	\$225.00
V14X14 RA	\$46.00
V8X10 VH	\$48.00
PML500L	\$410.00
Total	\$4,403.00

Note: Some models shown will need to be ordered using the 9-digit part number.

DIRECT EXPANSION SECTION

Self Contained Units

Stowaway Turbo Unit ("Q" Logic) w/ 410A **NEW FOR 2010**

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

Item No.	List Price USD	Description
205561250	\$1,995.00	STQ6-410A 115V
205563250	\$2,100.00	STQ6C-410A 230V
205561350	\$2,155.00	STQ8-410A 115V
205563350	\$2,185.00	STQ8C-410A 230V
205561450	\$2,365.00	STQ10-410A 115V
205563450	\$2,380.00	STQ10C-410A 230V
205561550	\$2,445.00	STQ12-410A 115V
205563550	\$2,460.00	STQ12C-410A 230V
205561750	\$2,575.00	STQ16-410A 115V
205563750	\$2,605.00	STQ16C-410A 230V

Stowaway Turbo Unit ("Q") w/R417 "Green Gas"

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

205462251	\$2,080.00	STQ6CK-HV 417A 4" MR 220V 50HZ
205463351	\$2,215.00	STQ8C-HV 417A 5" MR 230V 60HZ
205462351	\$2,220.00	STQ8CK-HV 417A 5" MR 220V 50HZ
205463451	\$2,410.00	STQ10C-HV 417A 6" MR 230V 60HZ
205462451	\$2,400.00	STQ10CK-HV 417A 6" MR 220V 50HZ
205463551	\$2,490.00	STQ12C-HV 417A 6" MR 230V 60HZ
205462551	\$2,525.00	STQ12CK-HV 417A 6" MR 220V 50HZ
205463751	\$2,635.00	STQ16C-HV 417A 7" MR 230V 60HZ
205462751	\$2,810.00	STQ16CK-HV 417A 7" MR 220V 50HZ

Stowaway Turbo Unit (SMXII) w/410A **NEW FOR 2010**

Includes SMXII power/logic box and a TSEP5. SMXir & SMXht keypads and CXP cable are sold separately.

205561255	\$2,095.00	STX6-410A 115V
205561355	\$2,255.00	STX8-410A 115V
205561455	\$2,465.00	STX10-410A 115V
205561555	\$2,545.00	STX12-410A 115V
205561755	\$2,675.00	STX16-410A 115V
205563255	\$2,200.00	STX6C-410A 230V
205563355	\$2,285.00	STX8C-410A 230V
205563455	\$2,480.00	STX10C-410A 230V
205563555	\$2,560.00	STX12C-410A 230V
205563755	\$2,705.00	STX16C-410A 230V

Stowaway Turbo Unit (SMXII) w/R417 "Green Gas"

Includes SMXII power/logic box and a TSEP5. SMXir & SMXht keypads and CXP cable are sold separately.

205462256	\$2,180.00	STX6CK-HV 417A 4"MR 220V 50HZ
205463356	\$2,315.00	STX8C-HV 417A 5"MR 230V 60HZ
205462356	\$2,320.00	STX8CK-HV 417A 5"MR 220V 50HZ
205463456	\$2,510.00	STX10C-HV 417A 6"MR 230V 60HZ
205462456	\$2,500.00	STX10CK-HV 417A 6"MR 220V 50HZ
205463556	\$2,590.00	STX12C-HV 417A 6"MR 230V 60HZ
205462556	\$2,625.00	STX12CK-HV 417A 6"MR 220V 50HZ
205463756	\$2,735.00	STX16C-HV 417A 7"MR 230V 60HZ
205462756	\$2,910.00	STX16CK-HV 417A 7"MR 220V 50HZ

StowAway Compact ("Q") w/410A

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

205511700	\$3,200.00	SQUF18-HV 410A, RMTBX, 115V 60HZ
205411923	\$3,125.00	SQUF18C-HV 410A, RMTBX, 230V 60HZ
205511800	\$4,015.00	SQUF24C-HV 410A, RMTBX, 230V 60HZ

StowAway Compact ("Q") w/R417 "Green Gas"

Includes "Q" power/logic box and a TSEP5. Q3 & Qht keypads and CXP cable are sold separately.

205411921	\$3,390.00	SQUF18CK-HV 417A, RMTBX, 220V 50HZ High Eff Blwr
205411920	\$3,995.00	SQUF24CK-HV 417A, RMTBX, 220V 50HZ High Eff Blwr

StowAway Compact (3-knob switch) w/410A**NEW FOR 2010**

For use with SSA3 type 3-knob switch. Switch sold separately.

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
205561285	\$1,695.00	STH6-410A 115V
205561385	\$1,855.00	STH8-410A 115V
205561485	\$2,065.00	STH10-410A 115V
205561585	\$2,145.00	STH12-410A 115V
205561785	\$2,275.00	STH16-410A 115V
205563285	\$1,800.00	STH6C-410A 230V
205563385	\$1,885.00	STH8C-410A 230V
205563485	\$2,080.00	STH10C-410A 230V
205563585	\$2,160.00	STH12C-410A 230V
205563785	\$2,305.00	STH16C-410A 230V

StowAway Compact (SMX II) w/R417 "Green Gas"

Includes SMXII power/logic box and a TSEP5. SMXir & SMXht keypads and CXP cable are sold separately.

205411090	\$2,400.00	SXUF5CK/2-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411170	\$2,455.00	SXUF7/2-HV 417A RMTBX 115V, 60Hz High Eff Blwr
205411290	\$2,540.00	SXUF7CK/2-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411490	\$2,720.00	SXUF10CK/2-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411670	\$2,760.00	SXUF12C/2-HV 417A RMTBX 230V, High Eff Blwr
205411690	\$2,845.00	SXUF12CK/1-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411872	\$2,905.00	SXUF16C/2-HV 417A RMTBX 230V, High Eff Blwr
205411890	\$3,130.00	SXUF16CK/1-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411887	\$3,490.00	SXUF18CK/1-HV 417A RMTBX 220V, 50Hz High Eff Blwr
205411980	\$4,095.00	SXUF24CK/1-HV 417A RMTBX 220V, 50Hz High Eff Blwr

StowAway Compact Notes:

1. StowAway Compact units include a TSEP5, air filter and a high-pressure switch.
2. A hose (duct) adapter is not included with SXF/SHF units and must be ordered separately.
3. SHF/SXF24C and CK units have scroll compressors.
4. Controls are not included with StowAway units, and must be ordered separately.
5. Refer to spec. sheet L-2006 for more information.

The Breeze Low-Profile Self-Contained Units

205511600	\$3,100.00	SQL16, 410A, 115V 60HZ, For use with the Q-Logic Control
205511601	\$3,200.00	SXL16K, 410A, 115V 60HZ, For use with the SMXII control
205411831	\$3,320.00	SXL13CK-417, 13000 BTU, 220V 50HZ

ENVIROCOOL SYSTEMS - Mechanical Control

Replaces Zephyr

UNITS ONLY

207444005	\$1,545.00	ECM5KC-HV 417A, 5,000BTU/Hr, 4"MR, Mechanical Control, 115V 60Hz
207444007	\$1,585.00	ECM6.5KC-HV 417A, 6,500 BTU/Hr, 5"MR, Mechanical Control, 115V 60Hz
207444008	\$1,770.00	ECM9KC-HV 417A, 9,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz
207444009	\$1,885.00	ECM11KC-HV 417A, 11,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz
207444010	\$1,995.00	ECM15KC-HV 417A, 15,000BTU/Hr, 6"MR, Mechanical Control, 115V 60Hz

COMPLETE KITS (Includes unit, control, pump, grills, duct, & associated hardware)

207444301	\$2,250.00	ECM5KC-HV 417A KIT, 5,000BTU/Hr, 4"MR, 2-Knob, 115V 60Hz
207444304	\$2,399.00	ECM6.5KC-HV 417A KIT, 6,500BTU/Hr, 5"MR, 2-Knob, 115V 60Hz
207444305	\$2,650.00	ECM9KC-HV 417A KIT, 9,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz
207444307	\$2,850.00	ECM11KC-HV 417A KIT, 11,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz
207444309	\$3,050.00	ECM15KC-HV 417A KIT, 15,000BTU/Hr, 6"MR, 2-Knob, 115V 60Hz

ENVIROCOMFORT SYSTEMS - Digital Control**UNITS ONLY**

207400005	\$2,015.00	ECD5K-HV 417A, 5,000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207400209	\$2,115.00	ECD5KZ50-HV 417A, 5,000BTU/Hr, 4"MR, Remote Box, 220V 50Hz
207400007	\$2,040.00	ECD6.5K-HV 417A, 6,500BTU/Hr, 5"MR, Remote Box, 115V 60Hz
207400008	\$2,225.00	ECD9K-HV 417A, 9,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400009	\$2,210.00	ECD11K-HV 417A, 11,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400016	\$2,355.00	ECD15K-HV 417A, 15,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400208	\$2,548.00	ECD15KZ50-HV 417A, 15,000BTU/Hr, 6"MR, Remote Box, 220V 50Hz

COMPLETE KITS (Includes unit, control, pump, grills, duct, & associated hardware)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
207400301	\$2,570.00	ECD5K-HV 417A KIT, 5,000BTU/Hr, 4"MR, Remote Box, 115V 60Hz
207400302	\$2,670.00	ECD5KZ50-HV 417A KIT, 5,000BTU/Hr, 4"MR, Remote Box, 220V 50Hz
207400304	\$2,719.00	ECD6.5K-HV 417A KIT, 6,500BTU/Hr, 5"MR, Remote Box, 115V 60Hz
207400305	\$2,970.00	ECD9K-HV 417A KIT, 9,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400307	\$3,170.00	ECD11K-HV 417A KIT, 11,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400310	\$3,370.00	ECD15K-HV 417A KIT, 15,000BTU/Hr, 6"MR, Remote Box, 115V 60Hz
207400311	\$3,760.00	ECD15KZ50-HV 417A KIT, 15,000BTU/Hr, 6"MR, Remote Box, 220V 50Hz

DUAL DUCT KITS

For both EnviroCool and EnviroComfort Units

226600091	\$125.00	Dual Duct Kit 6.5K Enviro Units
226600092	\$125.00	Dual Duct Kit, 9, 11, 15K Enviro Units

Cuddy dc KITS

207415575	\$2,660.00	Cuddy 3.5 BTU, dpm, 150 pump, control, polarized plugs
207415577	\$2,710.00	Cuddy 3.5 BTU, dpm, 250 pump, control, polarized plugs

Cuddy dc Dual Duct Kits

226000300	\$123.50	Air Distribution Kit White
226000301	\$123.50	Air Distribution Kit Black

CoolBreeze

Designed for use in cockpit & flybridge areas. To be used with an on/off switch provided by installer. Cooling only. Temperature settings are pre-programmed by factory.

703112250	\$3,040.00	RSC12C-417, Condensing Unit, Cooling only, 12,000BTU/Hr, 230/60/1
715000600	\$1,385.00	SCE6C, Evaporator with TX Valve, 6,000BTU/Hr, 230/60/1***
713016002	\$100.00	Duct Kit, 6" flex duct x 3" pipe with clamps (One per CoolBreeze Evap.)

***This Evaporator can only be used with CoolBreeze system ONLY.

Remote Condensing Units

EMERALD SERIES CONDENSING UNITS (Q-LOGIC)

NEW FOR 2010

712106100	\$2,070.00	EQ6-410A, 115V, 60HZ
712106200	\$2,070.00	EQ6-410A, 230V, 60HZ
712106300	\$2,130.00	EQ6-410A, 240V, 50 HZ
712108100	\$2,070.00	EQ8-410A, 115V, 60HZ
712108200	\$2,070.00	EQ8-410A, 230V, 60HZ
712108300	\$2,130.00	EQ8-410A, 240V, 50HZ
712110100	\$2,210.00	EQ10-410A, 115V, 60HZ
712110200	\$2,210.00	EQ10-410A, 230V 60 HZ
712110300	\$2,270.00	EQ10-410A, 240V, 50HZ
712112100	\$2,290.00	EQ12-410A, 115V, 60HZ
712112200	\$2,290.00	EQ12-410A, 230V, 60HZ
712112300	\$2,350.00	EQ12-410A, 240V, 50HZ
712116100	\$2,390.00	EQ16-410A, 115V, 60HZ
712116200	\$2,390.00	EQ16-410A, 230V 60 HZ
712116300	\$2,550.00	EQ16-410A, 240V, 50HZ
712120200	\$3,240.00	EQ20-410A, 230V, 60HZ, 1ph
712120300	\$3,300.00	EQ20-410A, 240V, 50HZ
712120500	\$3,475.00	EQ20-410A, 460V, 60HZ, 3ph
712120600	\$3,475.00	EQ20-410A, 380V, 50HZ, 3ph
712124200	\$3,240.00	EQ24-410A, 230V, 60HZ, 1ph
712124300	\$3,300.00	EQ24-410A, 240V, 50HZ
712124400	\$3,475.00	EQ24-410A, 230V, 60HZ, 3ph
712124500	\$3,475.00	EQ24-410A, 460V, 60HZ, 3ph
712124600	\$3,475.00	EQ24-410A, 380V, 50HZ, 3ph
712130200	\$3,640.00	EQ30-410A, 230V, 60HZ, 1ph
712130300	\$3,740.00	EQ30-410A, 240V, 50HZ
712130400	\$4,130.00	EQ30-410A, 230V, 60HZ, 3ph
712130500	\$4,130.00	EQ30-410A, 460V, 60HZ, 3ph
712130600	\$4,130.00	EQ30-410A, 380V, 50HZ, 3ph
712136200	\$3,840.00	EQ36-410A, 230V, 60HZ, 1ph
712136300	\$3,940.00	EQ36-410A, 240V, 50HZ
712136400	\$4,240.00	EQ36-410A, 230V, 60HZ, 3ph
712136500	\$4,240.00	EQ36-410A, 460V, 60HZ, 3ph

Emerald Series Condensing Units (Q-Logic), (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
712136600	\$4,240.00	EQ36-410A, 380V, 50HZ, 3ph
712148200	\$4,400.00	EQ48-410A, 230V, 60HZ, 1ph
712148300	\$4,630.00	EQ48-410A, 240V, 50HZ
712148400	\$4,990.00	EQ48-410A, 230V, 60HZ, 3ph
712148500	\$4,990.00	EQ48-410A, 460V, 60HZ, 3ph
712148600	\$4,990.00	EQ48-410A, 380V, 50HZ, 3ph

EMERALD SERIES CONDENSING UNITS NEW FOR 2010

712006100	\$1,770.00	EM6-410A, 115V, 60HZ
712006200	\$1,770.00	EM6-410A, 230V, 60HZ
712016200	\$2,090.00	EM6-410A, 240V, 50HZ
712008100	\$1,770.00	EM8-410A, 115V, 60HZ
712008200	\$1,770.00	EM8-410A, 230V, 60HZ
712006300	\$1,830.00	EM8-410A, 240V, 50HZ
712010100	\$1,910.00	EM10-410A, 115V, 60HZ
712010200	\$1,910.00	EM10-410A, 230V, 60HZ
712008300	\$1,830.00	EM10-410A, 240V, 50HZ
712012100	\$1,990.00	EM12-410A, 115V, 60HZ
712012200	\$1,990.00	EM12-410A, 230V, 60HZ
712010300	\$1,970.00	EM12-410A, 240V, 50HZ
712016100	\$2,090.00	EM16-410A, 115V, 60HZ
712016200	\$2,090.00	EM16-410A, 230V, 60HZ
712016300	\$2,250.00	EM16-410A, 240V, 50HZ
712020200	\$2,940.00	EM20-410A, 230V, 60HZ, 1ph
712020300	\$3,000.00	EM20-410A, 240V, 50 HZ
712020400	\$3,175.00	EM20-410A, 230V, 60HZ, 3ph
712020500	\$3,175.00	EM20-410A, 460V, 60HZ, 3ph
712020600	\$3,175.00	EM20-410A, 380V, 50HZ, 3ph
712024200	\$2,940.00	EM24-410A, 230V, 60HZ, 1ph
712024300	\$3,000.00	EM24-410A, 240V, 50HZ
712024400	\$3,175.00	EM24-410A, 230V, 60HZ, 3ph
712024500	\$3,175.00	EM24-410A, 460V, 60HZ, 3ph
712024600	\$3,175.00	EM24-410A, 380V, 50HZ, 3ph
712030200	\$3,340.00	EM30-410A, 230V, 60HZ, 1ph
712030300	\$3,440.00	EM30-410A, 240V, 50HZ
712030400	\$3,830.00	EM30-410A, 230V, 60HZ, 3ph
712030500	\$3,830.00	EM30-410A, 460V, 60HZ, 3ph
712030600	\$3,830.00	EM30-410A, 380V, 50HZ, 3ph
712036200	\$3,540.00	EM36-410A, 230V, 60HZ, 1ph
712036300	\$3,640.00	EM36-410A, 240V, 50HZ
712036400	\$3,940.00	EM36-410A, 230V, 60HZ, 3ph
712036500	\$3,940.00	EM36-410A, 460V, 60HZ, 3ph
712036600	\$3,940.00	EM36-410A, 380V, 50HZ, 3ph
712048200	\$4,100.00	EM48-410A, 230V, 60HZ, 1ph
712048300	\$4,330.00	EM48-410A, 240V, 50HZ
712048400	\$4,690.00	EM48-410A, 230V, 60HZ, 3ph
712048500	\$4,690.00	EM48-410A, 460V, 60HZ, 3ph
712048600	\$4,690.00	EM48-410A, 380V, 50HZ, 3ph

Note: The EM Series provides field connections for: Mechanical, Digital, or existing controls.

Please contact Dometic Environmental - Applications department with any questions.

RX Type Condensing Units (SMX II)

Includes SMX II power/logic box. SMXir or SMXht keypad, CXP and TSEP cables are sold separately.

701205100	\$1,920.00	RX5-417 - SMX II, 5,000 BTU/Hr, 115/60/1
701307100	\$1,920.00	RX7-417 - SMX II, 7,000 BTU/Hr, 115/60/1
701307201	\$1,920.00	RX7C-417 - SMX II, 7,000 BTU/Hr, 208-240/60/1 & 200/50/1
701307302	\$1,980.00	RX7CK-417 - SMX II, 7,000 BTH/Hr, 417 Refrig, 240/50/1
701310101	\$2,060.00	RX10-417 - SMX II, 10,000 BTU/Hr, 115/60/1
701310200	\$2,060.00	RX10C-417 - SMX II, 10,000 BTU/Hr, 208-240/60/1 & 200/50/1
701310301	\$2,120.00	RX10CK-417 - SMX II, 10,000 BTU/Hr, 417 Refrig, 220-240/50/1
701312100	\$2,140.00	RX12-417 - SMX II, 12,000 BTU/Hr, 115/60/1
701312201	\$2,140.00	RX12C-417 - SMX II, 12,000 BTU/Hr, 208-240/60/1 & 200/50/1
701312302	\$2,200.00	RX12CK-417 - SMX II, 12,000 BTU/Hr, 417 Refrig, 220-240/50/1
701316101	\$2,240.00	RX16-417 - SMX II, 16,000 BTU/r, 115/60/1
701316201	\$2,240.00	RX16C-417 - SMX II, 16,000 BTU/Hr, 208-240/60/1 & 200/50/1

RX Type Condensing Units (SMX II) (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
701316302	\$2,400.00	RX16CK-417 - SMX II, 16,000 BTU/Hr, 417 Refrig, 220-240/50/1
701320303	\$3,090.00	RX20C-417 - SMX II, 20,000 BTU/Hr, 208-240/60/1 & 200/50/1
701320301	\$3,150.00	RX20CK-417 - SMX II, 20,000 BTU/Hr, 417 Refrig, 220-240/50/1
701324305	\$3,090.00	RX24C-417 - SMX II, 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701324303	\$3,150.00	RX24CK-417 - SMX II, 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
701324800	\$3,325.00	RX24ECK-417 - SMX II, 24,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control
701330304	\$3,490.00	RX30C-417 - SMX II, 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701330302	\$3,590.00	RX30CK-417 - SMX II, 30,000 BTU/Hr, 417 Refrig, 220-240/50/1
701336302	\$3,690.00	RX36C-417 - SMX II, 36,000 BTU/Hr, 208-240/60/1 & 200/50/1
701336301	\$3,790.00	RX36CK-417 - SMX II, 36,000 BTU/Hr, 417 Refrig, 220-240/50/1
701336801	\$4,290.00	RX36ECK-417 - SMX II, 36,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control
701348304	\$4,250.00	RX48C-417 - SMX II, 48,000 BTU/Hr, 208-240/60/1 & 200/50/1
701348302	\$4,480.00	RX48CK-417 - SMX II, 48,000 BTU/Hr, 417 Refrig, 220-240/50/1
701348800	\$4,840.00	RX48ECK-417 - SMX II, 48,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control

R Type Condensing Units (Manual Controls)

701107100	\$1,720.00	R7-417 - 7,000 BTU/Hr, 115/60/1
701107200	**	R7C-417 - 7,000 BTU/Hr, 208-240/60/1 & 200/50/1
701107300	\$1,780.00	R7CK-417 - 7,000 BTU/Hr, 417 Refrig, 220-240/50/1
701110101	\$1,860.00	R10-417 - 10,000 BTU/Hr, 115/60/1
701110200	\$1,860.00	R10C-417 - 10,000 BTU/Hr, 208-240/60/1 & 200/50/1
701112102	\$1,940.00	R12-417 - 12,000 BTU/Hr, 115/60/1
701112200	\$1,940.00	R12C-417 - 12,000 BTU/Hr, 208-240/60/1 & 200/50/01
701112300	\$2,000.00	R12CK-417 - 12,000 BTU/Hr, 417 Refrig, 220-240/50/1
701116102	\$2,040.00	R16-417 - 16,000 BTU/Hr, 115/60/1
701116200	\$2,040.00	R16C-417 - 16,000 BTU/Hr, 208-240/60/1 & 200/50/1
701116300	\$2,200.00	R16CK-417 - 16,000 BTU/Hr, 417 Refrig, 220-240/50/1
701120200	\$2,890.00	R20C-417 - 20,000 BTU/Hr, 208-240/60/1 & 200/50/1
701124200	**	R24C-417 - 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701124301	\$2,950.00	R24CK-417 - 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
701130200	\$3,290.00	R30C-417 - 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701130300	\$3,390.00	R30CK-417 - 30,000 BTU/Hr, 417 Refrig, 220-240/50/1
701136200	\$3,490.00	R36C-417 - 36,000 BTU/Hr, 208-240/60/1 & 200/50/1
701136300	\$3,590.00	R36CK-417 - 36,000 BTU/Hr, 417 Refrig, 220-240/50/1

**If interested in these items, please contact your Cruisair Sales Representative.

Remote Condensing Unit Notes:

1. Condenser Seawater Manifolds are not included with condensing units, and must be ordered separately.
2. Controls are not included with condensing units, and must be ordered separately.
3. All R and RX condensing units include low-pressure and high-pressure switches.
4. Refer to spec. sheets L-2702A and L-2702B for more information on the Emerald Series Condensing Units.
5. Refer to spec. sheets L-2431 and L-2360 for more information on the "R" and "RX" Type Condensing Units.

Remote Cooling/Heating Evaporator Units

EMERALD DX Evaporator Series

NEW FOR 2010

215612000	\$955.00	TVE4, R410A compatible, 115V
215613000	\$955.00	TVE4, R410A compatible, 230V
215612100	\$955.00	TVE6, R410A compatible, 115V
215613100	\$955.00	TVE6, R410A compatible, 230V
215612200	\$955.00	TVE8, R410A compatible, 115V
215613200	\$955.00	TVE8, R410A compatible, 230V
215612300	\$1,005.00	TVE10, R410A compatible, 115V
215613300	\$1,005.00	TVE10, R410A compatible, 230V
215612400	\$1,035.00	TVE12, R410A compatible, 115V
215613400	\$1,035.00	TVE12, R410A compatible, 230V
215612500	\$1,105.00	TVE16, R410A compatible, 115V
215613500	\$1,105.00	TVE16, R410A compatible, 230V

TURBOVAPS**NEW FOR 2010**

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
215412000	\$830.00	TV4, R-22/R-417A compatible, 115V
215413000	\$830.00	TV4, R-22/R-417A compatible, 230V
215412100	\$830.00	TV6, R-22/R-417A compatible, 115V
215413100	\$830.00	TV6, R-22/R-417A compatible, 230V
215412200	\$830.00	TV8, R-22/R-417A compatible, 115V
215413200	\$830.00	TV8, R-22/R-417A compatible, 230V
215412300	\$880.00	TV10, R-22/R-417A compatible, 115V
215413300	\$880.00	TV10, R-22/R-417A compatible, 230V
215412400	\$910.00	TV12, R-22/R-417A compatible, 115V
215413400	\$910.00	TV12, R-22/R-417A compatible, 230V
215412500	\$980.00	TV16, R-22/R-417A compatible, 115V
215413500	\$980.00	TV16, R-22/R-417A compatible, 230V

Emerald Series Evaporators & TurboVaps Notes:

1. Duct Ring not included.
2. Refer to spec sheet L-2695A & L-2695B for more information

Tube Extensions for TurboVaps

221300318	\$170.00	3' 1/4 x 3/8 ins fl2 (TurboVap 4-12K)
221300319	\$185.00	3' 3/8x 1/2 ins fl2 (TurboVap 16K)

REU Cooling Units, Draw-Through are included with hose adapters & high-efficiency blowers**This product line is to replace the EBO, EBA & EBU cooling/heating units.**

715000401	\$830.00	REU4 - 4,000 BTU/Hr, 4" Hose Adapter, 115/50-60/1
715010402	\$830.00	REU4C - 4,000 BTU/Hr, 4" Hose Adapter, 230/50-60/1
715000502	\$830.00	REU5 - 5,000 BTU/Hr, 4" Hose Adapter, 115/50-60/1
715010501	\$830.00	REU5C - 5,000 BTU/Hr, 4" Hose Adapter, 230/50-60/1
715000701	\$830.00	REU7 - 7,000 BTU/Hr, 5" Hose Adapter, 115/50-60/1
715010702	\$830.00	REU7C - 7,000 BTU/Hr, 5" Hose Adapter, 230/50-60/1
715000802	\$830.00	REU8 - 8,000 BTU/Hr, 5" Hose Adapter, 115/50-60/1
715010801	\$830.00	REU8C - 8,000 BTU/Hr, 5" Hose Adapter, 230/50-60/1
715001003	\$880.00	REU10 - 10,000 BTU/Hr, 6" Hose Adapter, 115/50-60/1
715011001	\$880.00	REU10C - 10,000 BTU/Hr, 6" Hose Adapter, 230/50-60/1
715001202	\$910.00	REU12 - 12,000 BTU/Hr, 6" Hose Adapter, 115/50-60/1
715011203	\$910.00	REU12C - 12,000 BTU/Hr, 6" Hose Adapter, 230/50-60/1
715001601	\$980.00	REU16 - 16,000 BTU/Hr, 7" Hose Adapter, 115/50-60/1
715011604	\$980.00	REU16C - 16,000 BTU/Hr, 7" Hose Adapter, 230/50-60/1
715012404	\$1,790.00	REU24C - 24,000 BTU/Hr, 9" Hose Adapter, 230/50-60/1
715013001	\$2,380.00	REU30C - 30,000 BTU/Hr, 10" Hose Adapter, 230/50-60/1

Notes:

1. Multiple C/H units should be sized to match Condensing unit, or may be 1K under or up to 2K over, but no more than that.
2. Condensate drain fittings are 1/2" FPT. One 1/2"MPT x 5/8" Hose Barb and one 1/2" Plug are included (kit 715210001)
3. Units with integrated electric heat are also available. Please consult your sales representative if interested.

Low Profile Cooling Units, Draw-Through

715041600	\$1,630.00	EBUL16, 16,000 BTU/Hr, 115V, 50/60Hz, 2 Blowers
EBUL16C	\$1,630.00	16,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers
EBUL24C	\$2,040.00	24,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers
EBUL30C	\$2,550.00	30,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers
EBUL36C	\$2,550.00	36,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers
EHL16	\$2,130.00	16,000 BTU/Hr, 2kW Heat, 115V, 50/60Hz, 2 Blowers *
EBLP16	\$1,730.00	16,000 BTU/Hr, 115V, 50/60Hz, 2 Blowers
EBLP16C	\$1,730.00	16,000 BTU/Hr, 230V, 50/60Hz, 2 Blowers
EBULP12C	\$1,660.00	12,000 BTU/Hr, 230V, 50/60Hz, 2 Blowers
EBULP16	\$1,730.00	16,000 BTU/Hr, 115V, 50/60Hz, 2 High Static Pressure Blowers
EBULP16C	\$1,730.00	16,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers
EBULP24C	\$2,140.00	24,000 BTU/Hr, 230V, 50/60Hz, 2 High Static Pressure Blowers

The Breeze Low Profile Evaporators

215311770	\$1,730.00	EDL16, low profile evaporator, 115V
215311870	\$1,730.00	EDL16C, low profile evaporator, 230V

EBD Direct-Drive Cooling Units

Item No.	List Price USD	Description
EBD48HC	\$2,750.00	48,000 BTU/Hr, Horizontal Discharge, 230V, 60Hz
EBD48VC	\$2,750.00	48,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
EBD60VC	**	60,000 BTU/Hr, Vertical Discharge, 230V, 60Hz
EBD72HC	**	72,000 BTU/Hr, Horizontal Discharge, 230V, 60Hz
EBD72VC	**	72,000 BTU/Hr, Vertical Discharge, 230V, 60Hz

**If interested in these items, please contact your Cruisair Sales Representative.

Mounting Brackets & Frames

MK1L	\$30.00	Mounting Leg with Rubber Grommet and Hardware
MK4L	\$108.00	Package of 4 MK1L Mounting Legs (as above)

Modulating Systems

Modulating Condensing Units

(Cooling Only With Condensate Pan)

701724200	\$3,690.00	RM24C-417 - 24,000 BTU/Hr, 208-240/60/1 & 200/50/1
701724301	\$3,750.00	RM24CK-417 - 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
701724500	\$4,025.00	RM24DC-417 - 24,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control
701330203	\$4,090.00	RM30C-417 - 30,000 BTU/Hr, 208-240/60/1 & 200/50/1
701730301	\$4,190.00	RM30CK-417 - 30,000 BTU/Hr, 417 Refrig, 220-240/50/1
701730500	\$4,580.00	RM30DC-417 - 30,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control
701730800	\$4,680.00	RM30ECK-417 - 30,000 BTU/Hr, 417 Refrig, 380-420/50/3, 230V/1Ph Control
701742200	\$4,490.00	RM42C-417 - 42,000 BTU/Hr, 208-240/60/1 & 200/50/1
701742301	\$4,590.00	RM42CK-417 - 42,000 BTU/Hr, 417 Refrig, 220-240/50/1
701742500	\$4,790.00	RM42DC-417 - 42,000 BTU/Hr, 208-230/60/3 & 190-220/50/3, 230V/1Ph Control

Modulating Cooling Only or Cooling/Electric Heat Units, Draw-Through

High pressure blower with internal motor, solenoid valve (hose adapter sold separately).

EMB4C	\$1,430.00	4,000 BTU/Hr, 230V, 50/60Hz, Cool Only
EMB6C	\$1,430.00	6,000 BTU/Hr, 230V, 50/60Hz, Cool Only
EMB12C	\$1,510.00	12,000 BTU/Hr, 230V, 50/60Hz, Cool Only
EMB16C	\$1,730.00	16,000 BTU/Hr, 230V, 50/60Hz, Cool Only
EHMB4C	\$1,730.00	4,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
EHMB6C	\$1,730.00	6,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
EHMB8C	\$1,730.00	8,000 BTU/Hr, 230V, 50/60Hz, 1kW Heat
EHMB10C	\$1,780.00	10,000 BTU/Hr, 230V, 50/60Hz, 1.5kW Heat
EHMB12C	\$1,810.00	12,000 BTU/Hr, 230V, 50/60Hz, 2kW Heat
EHMB16C	\$2,030.00	16,000 BTU/Hr, 230V, 50/60Hz, 2kW Heat

Refrigerant Distribution Manifolds

720086001	\$215.00	SD8-6(3) SUCTION DISTRIBUTOR 1/2 IN X (3) 3/8 OUT
SD12-8	\$245.00	SUCTION DISTRIBUTOR 3/4" IN X (5) 1/2"
DD4	\$205.00	DISCHARGE DISTRIBUTOR 3/8" IN X (5) 1/4" OUT
720064300	\$193.00	DD6-4(3) DISCHARGE DISTRIBUTOR 3/8" IN X (3) 1/4" OUT

Modulating System Controls

PLHMx-HV	\$550.00	SMX II P/L Box for Modulating Systems, 115/230V
SA1-ZCB10	\$315.00	3-Knob Switch, Cooling Only, Black, 230V

Note: Use standard SMXir keypad and cables

Cabin Controls

Q3 Keypad/Display

The Q3 Keypad/Display works only with "Q" logic boards.

722200250	\$165.00	Display Q3 Marine DX Black
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Qht Keypad/Display

The Qht Keypad/Display works only with "Q" logic boards.

722200200	\$215.00	Display Qht Marine Gray
722200210	\$215.00	Display Qht Marine White
5103700	\$2.80	Replacement adapter clips for using Vimar Idea bezels (supplied with SMXht)
722200050	\$12.30	Bezel Vimar Poly Black
722200051	\$12.30	Bezel Vimar Poly Idea White
722200052	\$49.00	Bezel Vimar Metal Polished Gold Classica

Dometic I/O Control

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
222000226	\$195.00	Digital I/O Control for the ECD models ONLY

SMXht Keypad/Display

The SMXht Keypad/Display works only with SMX II Control Systems.

722200000	\$215.00	Display SMXht Gray – DX
722200020	\$215.00	Display SMXht White – DX
5103700	\$2.80	Replacement adapter clips for using Vimar Idea bezels (supplied with SMXht)
722200050	\$12.30	Bezel Vimar Poly Black
722200051	\$12.30	Bezel Vimar Poly Idea White
722200052	\$49.00	Bezel Vimar Metal Polished Gold Classica

SMXir Keypad/Display

(Works with SMX II and SMX Net Control Systems)

SMXIRB	\$225.00	Display SMXir Black ¾ Door – DX
SMXIRW	\$225.00	Display SMXir White ¾ Door – DX
SMXIRB-F	\$230.00	Display SMXir Black Full Door – DX
SMXIRW-F	\$230.00	Display SMXir White Full Door – DX
SMXIR-REM	\$70.00	Control Remote SMXir Black DX
5103400	\$69.00	SMXir Display Full Door – Black
5103400W	\$69.00	SMXir Display Full Door – White
5103612	\$20.00	Retrofit Wall Adapter Plate, SMX II/3-Knob to SMXir, Black
5103612W	\$20.00	Retrofit Wall Adapter Plate, SMX II/3-Knob to SMXir, White
5103200	\$5.00	Mounting plate for SMXir, Black
5103200W	\$5.10	Mounting plate for SMXir, White
5103300	\$20.00	SMXir 3/4 Door, Black
5103300W	\$20.00	SMXir 3/4 Door, White

SMX II Keypad/Display

SMXIIAB	\$225.00	SMX II Keypad/Display, Black
PXB	\$20.00	SMX II Keypad Plate, Snap-on, Black
PXW	\$26.00	SMX II Keypad Plate, Snap-on, White

Note: Order adapter A-913 to connect SMXIIAB to CXP cable.

Adapters for Connecting Keypad/Displays

4163804	\$19.70	Adapter, 3-Pin Socket (TSE) to RJ11 Male Plug (A-288C, A-282NC)
4163805	\$18.90	Adapter, 4-Pin Socket (CX) to RJ12 Male Plug (SMXir/ht, A-288C, A-282NC)
4106409	\$7.50	Modular Coupling, TSEP, CXP, CNP (used in both A-913 & A-914)
A-913	\$61.00	Adapter, RJ12 Socket (CXP) to 4-Pin Male Plug (SMXIIAB, A-281C, Old Net)
A-914	\$61.00	Adapter, RJ11 Socket (TSEP) to 3-Pin Male Plug (A-281C, Old Net)

Q Logic Boxes/Boards

701800003	\$215.00	Replacement Q-Logic Board
763100027	\$450.00	Canbus adapter kit for Q-Logic, DX & TW (does not include Q-Logic board)
222104002	\$1,045.00	Canbus to RS232 Serial Adapter Kit

SMX II Power Logic Boxes and Boards

(refer to SMX II cross reference data at the back of the DX section)

PLPX-HV	\$510.00	Replacement P/L Box 115/230V, (6-Pin Plug)
A-279	\$500.00	SMX II Retrofit for F20C-F60C w/ HV Board (No Triac)
A-284	\$565.00	SMX II Retrofit P/L Box w/ HV Board A-288C (for 3-knob), 115/230V
A-281C	\$325.00	Replacement SMX II P/L Board, 115/230V
A-288C	\$285.00	Replacement SMX II HV P/L Board, 115/230V
722300288	\$300.00	A-288D, Dual-Purpose Replacement SMXII HV Power Logic Board
PLHMX-HV	\$550.00	SMX II P/L Box for Modulating Systems, 115/230V
A-201	\$62.00	Low Pressure Switch for SMX Units
A-204	\$46.00	Low Pressure Port Retrofit Kit, Sweat in TEE
A-205	\$62.00	High Pressure Switch for SMX Units
4024100	\$30.00	Low Pressure Service Port TEE Assembly

SMX Net Power Logic Boxes & Boards*(refer to SMX Net cross reference data at the back of the DX section)*

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
NPLPX	\$715.00	Replacement SMX Net P/L Box, (8-Pin Plug), 115/230V
NPLRX-2	\$715.00	Retrofit SX/FX Units to SMX Net, 115/230V, includes Aux Heat Triac as of 05/01/03
NPLRLX-2	\$715.00	Retrofit SMX Net(for units with SSR)-SX24C(G99 & earlier),SH24C,F20-48C,FX48RC NPLRLX-2 does not have compressor triac, but does include Aux Heat Triac as of 5/1/03
NPLRX-3	\$715.00	Retrofit WFAH/J/F Units to SMX Net, 115/230V, includes Aux Heat Triac as of 5/1/03
A-282NC	\$450.00	Replacement SMX Net P/L Board, 115/230V
SMXLB	\$275.00	SMX CONTROL ONLINE BLACK

SMX Upgrade Kits to SMXII and Models Where Used*(refer to SMX II cross reference data at the back of the DX section)*

A-279	\$500.00	F20C-60C (230V/1ph w/SSR)
A-284	\$565.00	F24D-72EC (all 3 phase units), WFAH5-48ECK, J5-16CK (all units)
PLPX-HV	\$510.00	SH(R)7-16CK (all voltages)

SMX Upgrade Kits to SMX Net and Models Where Used*(refer to SMX Net cross reference data at the back of the DX section)*

NPLRLX-2	\$715.00	SH24C (SSR)
NPLRX-2	\$715.00	SH(R)7-16CK
NPLRX-3	\$715.00	F24D-72EC (3-ph) & WFAH5-48ECK, J5-16CK

CXP Cables*Use CXP cables with SMXir & SMXht displays. CX cables are available for use with SMXIIAB.*

CXP5	\$18.00	Keypad to P/L Box Cord, RJ12, 5 Feet
CXP10	\$22.00	Keypad to P/L Box Cord, RJ12, 10 Feet
CXP15	\$27.00	Keypad to P/L Box Cord, RJ12, 15 Feet
CXP20	\$32.00	Keypad to P/L Box Cord, RJ12, 20 Feet
CXP30	\$43.00	Keypad to P/L Box Cord, RJ12, 30 Feet
CXP40	\$53.00	Keypad to P/L Box Cord, RJ12, 40 Feet
CXP60	\$75.00	Keypad to P/L Box Cord, RJ12, 60 Feet
CXP80	\$95.00	Keypad to P/L Box Cord, RJ12, 80 Feet
722000000	\$123.00	Keypad to P/L Box Cord, RJ12, 100 Feet (CXP100)
4163805	\$18.90	Adapter, 4-Pin Socket (CX) to RJ12 Male Plug (SMXir/ht, A-288C, A-282NC)
4106409	\$7.50	Modular Coupling, TSEP, CXP, CNP
A-913	\$61.00	Adapter, RJ12 Socket (CXP) to 4-Pin Male Plug (SMXIIAB, A-281C, Old Net)

Temperature Sensing Elements*TSEP cables have modular RJ11 connector.*

TSEP5	\$34.00	Temperature Sensor, RJ11, 5 Feet
TSEP10	\$37.00	Temperature Sensor, RJ11, 10 Feet
TSEP15	\$41.00	Temperature Sensor, RJ11, 15 Feet
TSEP20	\$44.00	Temperature Sensor, RJ11, 20 Feet
TSEP30	\$51.00	Temperature Sensor, RJ11, 30 Feet
TSEP40	\$59.00	Temperature Sensor, RJ11, 40 Feet
TSEP60	\$73.00	Temperature Sensor, RJ11, 60 Feet
TSEP80	\$86.00	Temperature Sensor, RJ11, 80 Feet
4163804	\$19.70	Adapter, 3-Pin Socket (TSE) to RJ11 Male Plug (A-288C, A-282NC)
A-914	\$61.00	Adapter, RJ11 Socket (TSEP) to 3-Pin Male Plug (A-281C, Old Net)

CNP Cables

CNP5	\$20.00	SMX Network Cable, RJ12, 5 Feet
CNP10	\$25.00	SMX Network Cable, RJ12, 10 Feet
CNP15	\$30.00	SMX Network Cable, RJ12, 15 Feet
CNP20	\$37.00	SMX Network Cable, RJ12, 20 Feet
CNP40	\$65.00	SMX Network Cable, RJ12, 40 Feet
CNP60	\$84.00	SMX Network Cable, RJ12, 60 Feet
4106409	\$7.50	Modular Coupling, TSEP, CXP, CNP

Q-Logic Sensors

4062325	**	Seawater Sensor
4162939-10	**	10ft. Extension for Seawater Sensor
722400007	**	Temperature Sensor/Relative Humidity Q-Logic 5ft
722400008	\$355.00	Temperature Sensor/Relative Humidity Q-Logic 15ft
722400009	**	Temperature Sensor/Relative Humidity Q-Logic 60ft

***If interested in these items, please call your Cruisair Sales/Applications Representative*

Dometic Mechanical Control

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
222110102	\$310.00	MCP 2-Knob, ECM Vertical, 115/230V

Note: To be used for the EnviroCool units ONLY

Rotary Switches for SH Units

(6-pin plug connection)

SSA3-ZB	\$440.00	3-Knob Switch, Black, 10' Cable w/Plug, 115V
SSA3-ZCB	\$440.00	3-Knob Switch, Black, 10' Cable w/Plug, 230V
SSA3-ZHB	\$440.00	3-Knob Switch, Horizontal, Black, 10' Cable w/Plug, 115V
SSA3-ZHCB	\$440.00	3-Knob Switch, Horizontal, Black, 10' Cable w/Plug, 230V

Rotary Switches for Remote Units

SA3-ZB10	\$390.00	3-Knob Switch, Black, 10' Cap Tube, 115V
SA3-ZCB10	\$395.00	3-Knob Switch, Black, 10' Cap Tube, 230V
SA3-BB10	\$355.00	3-Knob Switch, Black, 10' Cap Tube, 2-Speed Blower, 115V
SA3-BCB10	\$355.00	3-Knob Switch, Black, 10' Cap Tube, 2-Speed Blower, 230V
SA3-ZHB10	\$390.00	3-Knob Switch, Horizontal, Black, 10' Cap Tube, 115V
SA3-ZHCB10	\$395.00	3-Knob Switch, Horizontal, Black, 10' Cap Tube, 230V
SA1-ZB10	\$310.00	3-Knob Switch, Cooling Only, Black, 10' Cap Tube, 115V
SA1-ZCB10	\$315.00	3-Knob Switch, Cooling Only, Black, 10' Cap Tube, 230V

Rotary Slave Switches

SA4-ZB	\$164.00	1-Knob Fan Speed Cont., Black, 115V
SA4-ZCB	\$164.00	1-Knob Fan Speed Cont., Black, 230V
SA4A-ZB	\$255.00	2-Knob, On/Auto, Fan Speed Cont., Black, 115V
SA4A-ZCB	\$255.00	2-Knob, On/Auto, Fan Speed Cont., Black, 230V

Auxiliary Duct Heaters (Heat Modules)

HMDL1-5	\$525.00	Heat Module, Line Duty, 1kW, 5" Duct, 115V
HMDL1C-5	\$525.00	Heat Module, Line Duty, 1kW, 5" Duct, 230V
HMDL1.5-6	\$525.00	Heat Module, Line Duty, 1.5kW, 6" Duct, 115V
HMDL1.5C-6	\$525.00	Heat Module, Line Duty, 1.5kW, 6" Duct, 230V
715230120	\$525.00	HMDL1.5-7, Heat Module, Line Duty, 1.5KW, 7" Duct, 115V
HMDL2-7	\$525.00	Heat Module, Line Duty, 2kW, 7" Duct, 115V
HMDL2C-7	\$525.00	Heat Module, Line Duty, 2kW, 7" Duct, 230V
715230320	\$575.00	HMDL3C-9, Heat Module, Line Duty, 3KW, 9" Duct, 230V
HMDL4C-9	\$600.00	Heat Module, Line Duty, 4kW, 9" Duct, 230V
724600000	\$183.00	Auxiliary Heat Relay, 75Amp, 230V

Note: Heat Modules require SMX Net, Q-logic, or specific mechanical controls.

Defroster Units and Switches

764000002	\$1,390.00	HBU1C-5 Defroster/Heating Unit, 1KW, 5" Duct, 230V
HBU1.5-8	\$1,445.00	Defroster / Heating Unit, 1.5kW, 8" Duct, 115V
HBU1.5C-8	\$1,445.00	Defroster / Heating Unit, 1.5kW, 8" Duct, 230V
HBU3C-8	\$1,510.00	Defroster / Heating Unit, 3kW, 8" Duct, 230V
SA4D-Z01	\$350.00	2-Knob Switch Assembly for Defroster / Heating Unit, 115V
SA4D-ZC01	\$350.00	2-Knob Switch Assembly for Defroster / Heating Unit, 230V

Seawater Pumps

<u>Item No.</u>	<u>List Price USD</u>	<u>Capacity (gph)</u>	<u>Power</u>	<u>Ign. Prot.</u>	<u>Inlet</u>	<u>Outlet</u>
PML250	\$330.00	250 @ 3'	115V, 50/60Hz	Yes	3/4" MPT	1/4" MPT
PML250C	\$345.00	250 @ 3'	230V, 50/60Hz	Yes	3/4" MPT	1/4" MPT
PML500L	\$410.00	490 @ 3'	115V, 60Hz	Yes	3/4" FPT	1/2" MPT
PML500CL	\$420.00	490 @ 3'	230V, 60Hz	Yes	3/4" FPT	1/2" MPT
PML500CK	\$425.00	400 @ 3'	240V, 50Hz	Yes	3/4" FPT	1/2" MPT
PMA500	\$410.00	500 @ 7'	115V, 50/60Hz	Yes	3/4" FPT	1/2" MPT
PMA500C	\$440.00	500 @ 7'	230V, 50/60Hz	Yes	3/4" FPT	1/2" MPT
PMA1000	\$460.00	1000 @ 3'	115V, 50/60Hz	Yes	1" FPT	1/2" MPT
PMA1000C	\$480.00	1000 @ 3'	230V, 50/60Hz	Yes	1" FPT	1/2" MPT
PMA1000CK	\$520.00	800 @ 3'	240V, 50Hz	Yes	1" FPT	1/2" MPT
P1200BXT-SP	\$1,090.00	1200 @ 5'	115/230V, 50/60Hz	No	1" FPT	1" FPT
P1500BXT	\$890.00	1320 @ 5'	115/230V, 50/60Hz	No	3/4" FPT	1/2" MPT
PS1500BX	\$1,085.00	1500 @ 7'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
PS1500B3X	\$1,280.00	1500 @ 15'	230/480V, 50/60Hz, 3Ph	No	1 1/4" FPT	1" FPT
PS1800BX	\$1,095.00	1800 @ 15'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
PS2200BX	\$1,075.00	2200 @ 15'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
P3000BXT	\$1,130.00	3000 @ 7'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
PLC3000BX	\$1,425.00	3000@25'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
PH3000BXT	\$1,195.00	3000 @ 20'	115/230V, 50/60Hz	No	1 1/4" FPT	1" FPT
PS3000B3X	\$1,320.00	3000 @ 20'	230/480V, 50/60Hz, 3Ph	No	1 1/4" FPT	1" FPT
PSH3000B3X	\$1,580.00	3000 @ 30'	230/480V, 50/60Hz, 3Ph	No	1 1/4" FPT	1" FPT
PH3000BX-SP	\$2,420.00	3000 @ 30'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
PH3000B3X-SP	\$3,265.00	3000 @ 30'	230/480V, 50/60Hz, 3Ph	No	1 1/2" FPT	1 1/2" FPT
P3600BX	\$1,625.00	4200 @ 20'	115/230V, 50/60Hz	No	1 1/2" FPT	1 1/2" FPT
P3600B3X	\$1,625.00	4200 @ 20'	230/480V, 50/60Hz, 3Ph	No	1 1/2" FPT	1 1/2" FPT

Seawater Pump Notes:

1. Larger seawater pumps are available. See the TW pump section.
2. Refer to spec sheet L-0242 for more information.
3. Pumps above do not include base or fittings.

LAING PUMPS

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
1010044	\$335.00	Pump, PLL250 110-240V 50/60Hz
1010045	\$410.00	Pump, PLL500 100-120V 50/60Hz
1010046	\$430.00	Pump, PLL500 220-240V 50/60Hz

Pump Mounting Kits

A-532	\$51.00	Pump Mount Kit for PMA1000
A-533	\$90.00	Pump Mount Kit for P1500/P3000/PH3000BXT

PRIME TIME PUMPS

1010037	\$1,290.00	Pump, DP-PT-115V-230VT, 115/230Volt, 50/60 Hz
225500259	\$1,390.00	Pump, DP-PT-Preset, 230V, 50/60Hz

Pump Relays and Triggers

PR3X	\$164.00	Pump Relay, 115/230V, Up to 3 Triggers (not included)
PR3X-2	\$215.00	Pump Relay, 115/230V, with two 115V Triggers
PR3X-2C	\$215.00	Pump Relay, 115/230V, with two 230V Triggers
PR3X-3	\$240.00	Pump Relay, 115/230V, with three 115V Triggers
PR3X-3C	\$240.00	Pump Relay, 115/230V, with three 230V Triggers
PR8X	\$199.00	Pump Relay, 115/230V, Up to 8 Triggers (not included)
PR8X-4	\$305.00	Pump Relay, 115/230V, with four 115V Triggers
PR8X-4C	\$305.00	Pump Relay, 115/230V, with four 230V Triggers
PR8X-5C	\$330.00	Pump Relay, 115/230V, with five 230V Triggers
PR8X-6C	\$355.00	Pump Relay, 115/230V, with six 230V Triggers
PR8X-7C	\$380.00	Pump Relay, 115/230V, with seven 230V Triggers
TR115	\$37.00	Relay Trigger, 115V
TR230	\$37.00	Relay Trigger, 230V

Seawater Strainers

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
1011475	\$46.00	Seawater Strainer, 3/4" FPT, Plastic Housing
ST1/2N	\$205.00	Seawater Strainer, 1/2" FPT, Groco
ST3/4N	\$210.00	Seawater Strainer, 3/4" FPT, Groco
ST1N	\$295.00	Seawater Strainer, 1" FPT, Groco
ST1-1/4N	\$375.00	Seawater Strainer, 1-1/4" FPT, Groco

Through-Hull Fittings

STH1/2	\$75.00	Scoop Type Through-Hull, Bronze, 1/2" MPT
STH3/4	\$82.00	Scoop Type Through-Hull, Bronze, 3/4" MPT
STH1	\$95.00	Scoop Type Through-Hull, Bronze, 1" MPT
STH1-1/4	\$128.00	Scoop Type Through-Hull, Bronze, 1-1/4" MPT
TH3/4	\$50.00	Flush Overboard Through-Hull, Bronze, 3/4" MPT
1054100	\$10.00	Fitting Thru-Hull Plastic 1/2" MPT X 5/8" Hose

Ball Valves

BV3/4	\$60.00	Ball Valve, Bronze & Stainless, 3/4" FPT
BV1	\$113.00	Ball Valve, Bronze & Stainless, 1" FPT
BV1-1/4	\$138.00	Ball Valve, Bronze & Stainless, 1-1/4" FPT

Seawater Hose

226000006	\$3.00	Seawater Hose, 5/8" ID, per Foot
1022312	\$4.70	Seawater Hose, 3/4" ID, per Foot

Water Fittings and Manifolds

1056500	\$2.10	Bushing, PVC, 1/2" FPT x 3/4" MPT
M11-1	\$32.00	1/2" FPT Inlet, 1x 5/8" 90° Outlet
M11-2	\$59.00	1/2" FPT Inlet, 2x 5/8" 90° Outlet
M12-2	\$62.00	3/4" FPT Inlet, 2x 5/8" Outlets
M12-2-45	\$62.00	3/4" FPT Inlet, 2x 5/8" 45° Outlets
M12-2-90	\$62.00	3/4" FPT Inlet, 2x 5/8" 90° Outlets
M12-3	\$124.00	3/4" FPT Inlet, 3x 5/8" Outlets
M12-3-90	\$125.00	3/4" FPT Inlet, 3x 5/8" 90° Outlets
M12-4	\$173.00	3/4" FPT Inlet, 4x 5/8" Outlets
M16-2	\$98.00	1" FPT Inlet, 2x 5/8" Outlets
M16-3	\$140.00	1" FPT Inlet, 3x 5/8" Outlets
M16-4	\$187.00	1" FPT Inlet, 4x 5/8" Outlets
M16-5	\$235.00	1" FPT Inlet, 5x 5/8" Outlets
M16-6	\$275.00	1" FPT Inlet, 6x 5/8" Outlets
M16-7	\$310.00	1" FPT Inlet, 7x 5/8" Outlets

Pump Manifolds - PVC Construction

220300007	\$31.00	2 Unit Spud Manifold - "U" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300008	\$14.30	2 Unit Spud Manifold - "T" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300009	\$17.40	2 Unit Spud Manifold - "F" Configuration (1/2"FPT x 1/2"HB x 1/2"HB)
220300003	\$93.00	3 Unit Spud Manifold (3/4"HB w/ (3) 1/2"HB outlets)
220300004	\$115.00	4 Unit Spud Manifold (1"HB w/ (4) 1/2" HB outlets)
220300005	\$112.00	5 Unit Spud Manifold (1"HB w/ (5) 1/2" HB outlets)
220300006	\$210.00	6 Unit Spud Manifold (1"HB w/ (6) 1/2" HB outlets)

Bronze Hose Barbs

1011700	\$14.20	Adapter Bronze 1/2" MPT X 5/8" Hose
1011600	\$14.50	Adapter Bronze 3/4" MPT X 3/4" Hose
1011800	\$16.40	Adapter Bronze 1" MPT X 1" Hose

Plastic Hose Barbs

1054900	\$10.60	Adapter PVC 1/2" FPT X 5/8" Hose #1435-005
1054200	\$2.90	Adapter PVC 1/2" MPT X 5/8" Hose
1054700	\$5.30	Adapter PVC 90° Elbow 1/2" FPT X 5/8" Hose
1054300	\$5.10	Adapter PVC 90° Elbow 1/2" MPT X 5/8" Hose
1055700	\$11.70	Adapter PVC 3/4" FPT X 3/4" Hose
1054400	\$7.40	Adapter PVC 3/4" MPT X 5/8" Hose
1054600	\$7.60	Adapter PVC 3/4" MPT X 3/4" Hose
1053900	\$9.90	Adapter PVC 3/4" MPT X 1" Hose
1056000	\$8.40	Adapter PVC 90° Elbow 3/4" MPT X 3/4" Hose

Plastic Hose Barbs (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
1056700	\$8.70	Adapter PVC 90° Elbow 3/4" FPT X 1" Hose
1053800	\$7.60	Adapter PVC 1" MPT X 3/4" Hose
1053600	\$13.80	Adapter PVC 1" FPT X 1" Hose
1055900	\$4.00	Adapter PVC 1" MPT X 1" Hose
1056800	\$17.90	Adapter PVC 1-1/4" FPT X 1-1/4" Hose
1056900	\$6.10	Adapter PVC 1-1/4" MPT X 1-1/4" Hose

Grills

Grill Model Number Nomenclature

V	All grills begin with "V"		
8X4	Dimensions (inches) The first number is the horizontal dimension, and the second is the vertical dimension.		
VH	Grill Type		
	VH - Supply grill with 2 sets of adj. Blades. Front row is in vertical direction, rear row is horizontal. VML - Closable supply grill. Front row is in vertical direction, horizontal rear row closes. RA - Return air grill with 1 set of fixed blades in horizontal direction. RAFB - Return air grill with removable core filter PG - Plastic grill with 1 row of fixed vanes. PGA - Plastic grill with adjustable blades. WG - 30 Wedge shaped supply grill with 2 sets of blades. Front row is vertical, rear is horizontal. LD - Linear Diffuser. One set of horizontal vanes.		
-T	Material (Alum/Wood/Plastic)		
	Blank – Anodized Aluminum	<u>Plastic Grill Features</u>	
	A - Raw aluminum	MA - Maple (soft)	R - Mounting Ring
	AS - Ash	O - Oak (White)	RF - Ring and Filter
	C - Cherry	P - Poplar	#TB - Trans. Box w/ duct ring on back
	M - Mahogany	T - Teak	#TS - Trans. Box w/ duct ring on side

Round Plastic Grills

333437	\$19.50	Round Plastic Grill, 3" Euro Style (flat w/ridged edge), Black
333442	\$19.50	Round Plastic Grill, 3" Euro Style (flat w/ridged edge), Off White
333439	\$19.50	V3DA-EL-W, Round Plastic Grill, 3" Euro Style (flat w/ridged edge), White
2071003	\$19.50	V3DA-GL-0W, Round Plastic Grill, 3" Global Style (convex & smooth), Off White
2071002	\$19.50	V3DA-GL-B, Round Plastic Grill, 3" Global Style (convex & smooth), Black
2071004	\$19.50	V3DA-GL-W, Round Plastic Grill, 3" Global Style (convex & smooth), White
2060301	\$14.00	Reducer to connect 3" hose to a V4 RND
335162	\$9.00	Round Plastic Grill, 4", Black
V4 RND BROWN	\$9.00	Round Plastic Grill, 4", Brown
339660	\$11.50	Round Plastic Grill, 4", Tan
332485	\$9.00	Round Plastic Grill, 4", White
330571	\$9.00	V4 RND CLASSIC WHITE - Round Plastic Grill, 4", Off White
339670	\$11.50	V4 RND W/DAMP BLACK - Round Plastic Grill w/ Damper, 4", Blk
339680	\$11.50	V4 RND W/DAMP BROWN - Round Plastic Grill w/ Damper, 4", Br
717650003	\$11.50	V4 RND W/DAMP TAN - Round Plastic Grill w/ Damper, 4", Tan
339284	\$11.50	V4 RND W/DAMP WHITE - Round Plastic Grill w/ Damp, 4", White
369947	\$11.50	V4 RND W/DAMP CLSC WHT - Rnd Plstc Grl w/ Dmp, 4", Off White
335078	\$17.00	Round Plastic Grill, 5", White

Plastic Grills with Mounting Frames

V4X4 PGA-R	\$50.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V4X10 PGA-R	\$85.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V6X10 PGA-R	\$95.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V8X4 PGA-R	\$80.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V8X8 PGA-R	\$95.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V10X10 PG-RF	\$110.00	Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
V10X14 PG-RF	\$130.00	Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
V10X4 PGA-R	\$85.00	Plastic Discharge Grill, Moveable Vanes, w/ Frame
V10X8 PG-RF	\$100.00	Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
V12X12 PG-RF	\$130.00	Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter
V14X12 PG-RF	\$130.00	Plastic Return-Air Grill, Fixed Vanes, w/ Frame and Filter

Plastic Grills with Plenums

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
V3X3 PGA-3TS	\$72.00	Plastic Discharge Grill, Moveable Vanes, w/ 3" Ring on Side
V4X4 PGA-4TB	\$74.00	Plastic Discharge Grill, Moveable Vanes, w/ 4" Ring on Back
V8X4 PGA-4TB	\$98.00	Plastic Discharge Grill, Moveable Vanes, w/ 4" Ring on Back
V8X4 PGA-5TB	\$104.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
V8X10 PGA-6TB	\$134.00	Plastic Discharge Grill, Moveable Vanes, w/ 6" Ring on Back
V10X4 PGA-5TB	\$115.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
V10X5 PGA-5TB	\$115.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back
V10X5 PGA-5TS	\$125.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Side
V10X8 PGA-6TB	\$130.00	Plastic Discharge Grill, Moveable Vanes, w/ 6" Ring on Back
V10X8 PGA-7TB	\$130.00	Plastic Discharge Grill, Moveable Vanes, w/ 7" Ring on Back
V12X4 PGA-5TB	\$115.00	Plastic Discharge Grill, Moveable Vanes, w/ 5" Ring on Back

Note: Our standard non-painted aluminum grilles have a high quality anodized finish which resists corrosion.

Aluminum grilles are also available in several high quality painted colors at an additional charge.

If interested in standard size, high-quality, painted aluminum grilles, please contact your Cruisair Sales Representative.

Aluminum Return Air Grills

V8X6 RA	\$28.00	Aluminum Return-Air Grill, No Filter
V8X8 RA	\$32.00	Aluminum Return-Air Grill, No Filter
V8X8 RAFB	\$51.00	Aluminum Return-Air Grill, with Filter
V10X10 RA	\$34.00	Aluminum Return-Air Grill, No Filter
V10X10 RAFB	\$64.00	Aluminum Return-Air Grill, with Filter
V10X12 RA	\$42.00	Aluminum Return-Air Grill, No Filter
V10X6 RA	\$28.00	Aluminum Return-Air Grill, No Filter
V10X8 RA	\$32.00	Aluminum Return-Air Grill, No Filter
V12X12 RA	\$40.00	Aluminum Return-Air Grill, No Filter
V12X12 RAFB	\$83.00	Aluminum Return-Air Grill, with Filter
V12X6 RA	\$32.00	Aluminum Return-Air Grill, No Filter
V14X10 RA	\$46.00	Aluminum Return-Air Grill, No Filter
V14X14 RA	\$46.00	Aluminum Return-Air Grill, No Filter
V16X4 RAFB	\$62.00	Aluminum Return-Air Grill, with Filter
V16X6 RA	\$34.00	Aluminum Return-Air Grill, No Filter
V16X8 RA	\$43.00	Aluminum Return-Air Grill, No Filter
V16X8 RAFB	\$77.00	Aluminum Return-Air Grill, with Filter
V18X12 RA	\$50.00	Aluminum Return-Air Grill, No Filter
V22X14 RA	\$67.00	Aluminum Return-Air Grill, No Filter

Aluminum Discharge Grills

V3X15 VH	\$64.00	Aluminum Discharge Grill
V4X15 VH	\$60.00	Aluminum Discharge Grill
V4X16 VH	\$60.00	Aluminum Discharge Grill
V4X18 VH	\$60.00	Aluminum Discharge Grill
V4X8 V	\$26.00	Aluminum Discharge Grill
V5X12 VH	\$46.00	Aluminum Discharge Grill
V6X10 VH	\$43.00	Aluminum Discharge Grill
V6X12 VH	\$48.00	Aluminum Discharge Grill
V6X16 VH	\$57.00	Aluminum Discharge Grill
V6X4 VH	\$24.00	Aluminum Discharge Grill
V6X6 VH	\$40.00	Aluminum Discharge Grill
V6X8 VH	\$40.00	Aluminum Discharge Grill
V7X7 VH	\$53.00	Aluminum Discharge Grill
V8X10 VH	\$48.00	Aluminum Discharge Grill
V8X16 VH	\$52.00	Aluminum Discharge Grill
V8X8 VH	\$54.00	Aluminum Discharge Grill
V10X10 VH	\$54.00	Aluminum Discharge Grill
V10X4 VH	\$40.00	Aluminum Discharge Grill
V12X12 VH	\$62.00	Aluminum Discharge Grill
V12X4 VH	\$43.00	Aluminum Discharge Grill
V14X5 VH	\$46.00	Aluminum Discharge Grill
V20X4 VH	\$59.00	Aluminum Discharge Grill

Aluminum Discharge Grills with Shut-Off Damper

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
V4X10 VML	\$38.00	Aluminum Discharge Grill, with Damper
V4X4 VML	\$32.00	Aluminum Discharge Grill, with Damper
V6X10 VML	\$44.00	Aluminum Discharge Grill, with Damper
V8X4 VML	\$36.00	Aluminum Discharge Grill, with Damper
V8X6 VML	\$41.00	Aluminum Discharge Grill, with Damper
V8X8 VML	\$44.00	Aluminum Discharge Grill, with Damper
V10X4 VML	\$40.00	Aluminum Discharge Grill, with Damper
V16X4 VML	\$44.00	Aluminum Discharge Grill, with Damper

Teak Return Air Grills (with Filter)

V4X8 RA-T	\$130.00	Teak Return-Air Grill
V4X12 RA-T	\$140.00	Teak Return-Air Grill
V8X8 RA-T	\$160.00	Teak Return-Air Grill
V10X10 RA-T	\$170.00	Teak Return-Air Grill
V10X12 RA-T	\$175.00	Teak Return-Air Grill
V10X6 RA-T	\$160.00	Teak Return-Air Grill
V10X8 RA-T	\$160.00	Teak Return-Air Grill
V12X12 RA-T	\$180.00	Teak Return-Air Grill
V12X6 RA-T	\$160.00	Teak Return-Air Grill
V14X10 RA-T	\$175.00	Teak Return-Air Grill
V14X12 RA-T	\$180.00	Teak Return-Air Grill
V14X14 RA-T	\$196.00	Teak Return-Air Grill
V16X6 RA-T	\$170.00	Teak Return-Air Grill
V16X8 RA-T	\$165.00	Teak Return-Air Grill
V18X12 RA-T	\$200.00	Teak Return-Air Grill
V20X8 RA-T	\$180.00	Teak Return-Air Grill
V22X6 RA-T	\$175.00	Teak Return-Air Grill

Teak Discharge Grills

V3X15 VH-T	\$140.00	Teak Discharge Grill
V4X4 VH-T	\$120.00	Teak Discharge Grill
V6X16 VH-T	\$160.00	Teak Discharge Grill
V6X4 VH-T	\$130.00	Teak Discharge Grill
V6X6 VH-T	\$140.00	Teak Discharge Grill
V7X7 VH-T	\$140.00	Teak Discharge Grill
V8X16 VH-T	\$165.00	Teak Discharge Grill
V8X4 VH-T	\$130.00	Teak Discharge Grill
V8X8 VH-T	\$160.00	Teak Discharge Grill
V10X10 VH-T	\$170.00	Teak Discharge Grill
V10X4 VH-T	\$140.00	Teak Discharge Grill
V10X6 VH-T	\$140.00	Teak Discharge Grill
V10X8 VH-T	\$150.00	Teak Discharge Grill
V12X4 VH-T	\$140.00	Teak Discharge Grill
V12X5 VH-T	\$150.00	Teak Discharge Grill
V12X6 VH-T	\$150.00	Teak Discharge Grill
V16X4 VH-T	\$150.00	Teak Discharge Grill
V20X4 VH-T	\$150.00	Teak Discharge Grill

Teak Discharge Grills with Shut-Off Damper

V4X4 VML-T	\$180.00	Teak Discharge Grill, with Damper
V4X6 VML-T	\$190.00	Teak Discharge Grill, with Damper
V4X8 VML-T	\$170.00	Teak Discharge Grill, with Damper
V8X10 VML-T	\$210.00	Teak Discharge Grill, with Damper
V10X6 VML-T	\$210.00	Teak Discharge Grill, with Damper

Hose Adapters and Connectors

Hose Adapters (Blower to Flex Duct)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
HA-4	\$14.00	Hose Adapter, 4" Duct, EBO4/5, Plastic
HA-4/SXF5	\$25.00	Hose Adapter, 4" Duct, SXF/SHF5
335884	\$15.00	HA-5, Hose Adapter, 5" Duct, EBO7/8, SHF/SXF7, EBL(P)12/16 QTY=2, Plastic
5040605	\$30.00	Hose Adapter, 5" Duct, EBU5-8, EMB4-8, EBULP12/16 QTY=2, CBUL6
335883	\$17.00	HA-6, Hose Adapter, 6" Duct, EBO10/12, SXF/SHF10/12, CBUL9, EBL(P)20 QTY=2, Plastic
HA6-16	\$55.00	Hose Adapter, 6" Duct, EBO16
HA6-BL	\$55.00	Hose Adapter, 6" Duct, EBS/ESS/EDS
5040906	\$31.00	Hose Adapter, 6" Duct, EBU10, EMB10, EBULP20 QTY=2
5041206	\$32.00	Hose Adapter, 6" Duct, EBU12, EMB12
335882	\$20.00	HA7-16, Hose Adapter, 7" Duct, EBO16, SHF/SXF16, EBL(P)30 QTY=2, Plastic
HA7-BL	\$60.00	Hose Adapter, 7" Duct, EBS/ESS/EDS
5041207	\$32.00	Hose Adapter, 7" Duct, EBU12, EMB12, EBULP24 QTY=2, CBUL12
5041807	\$32.00	Hose Adapter, 7" Duct, EBU16, EMB16, EBULP30 QTY=2
HA8-24	\$60.00	Hose Adapter, 8" Duct, EBOH20/24
5053310	\$63.00	Hose Adapter, 8" Duct, for 24K units with -M61/68/91/101/102 options
5041808	\$32.00	Hose Adapter, 8" oval Duct, EBU16, EMB16, EBUL36 QTY=2, CBUL18, CBBL18
HA9-24	\$65.00	Hose Adapter, 9" Duct, EBOH20/24
HA9-24S	\$65.00	Hose Adapter, 9" Duct, SH, SX, EBOS, RE20-24
5053301	\$58.00	Flange for Hose Adapter 5053309 below, 9" Duct *
5053309	\$42.00	Hose Adapter, 9" Duct, SXF/SHF24, CB*L24, EHB*24, EBO20-24, CBBL24 *

*Note: Must order both 5053301 & 5053309 together.

HC-10	\$55.00	Hose Connector/Adapter, 10" Duct, EBO30/36C
HA10-30	\$70.00	Hose Adapter, 10" Duct, EBOH30/36

Note: StowAway models SXR & SHR, Zephyrs, and most RE & EBA remote cooling units, are supplied with hose adapters mounted to the blowers. However, StowAway models SXF & SHF, and all other cooling units do not come with hose adapters. Therefore, hose adapters must be ordered separately for those units.

Hose Connectors (Duct Rings)

VHR3	\$14.00	Hose Connector, 3" Duct, Plastic
2060301	\$14.00	Hose Reducer, 4" to 3", Plastic
VTR4	\$16.00	Hose Connector, 4", Plastic, Fits VTB with 4" End
VHR4	\$14.00	Hose Connector, 4" Duct, Plastic
VHR40	\$14.00	Hose Connector, 4" Duct, Oval Plastic
VHR5	\$15.00	Hose Connector, 5" Duct, Plastic
VHR50	\$15.00	Hose Connector, 5" Duct, Oval Plastic
VHR6	\$15.00	Hose Connector, 6" Duct, Plastic
VHR60	\$15.00	Hose Connector, 6" Duct, Oval Plastic
VHR7	\$16.00	Hose Connector, 7" Duct, Plastic
VHR70	\$16.00	Hose Connector, 7" Duct, Oval Plastic
VHR8	\$43.00	Hose Connector, 8" Duct, Plastic
HC-6	\$55.00	Hose Connector, 6" Duct, Aluminum
HC-7	\$55.00	Hose Connector, 7" Duct, Aluminum
HC-8	\$55.00	Hose Connector, 8" Duct, Aluminum
HC-9	\$55.00	Hose Connector, 9" Duct, Aluminum
HC-10	\$55.00	Hose Connector, 10" Duct, Aluminum

Plenums

See also "Plastic Grills with Plenums" in Grills section.

See the **Custom Plenum Request Form** at the back of this book.

Plastic Grill Transition Boxes

(Boxes are 5-3/16" Deep)

VTB64	\$46.00	Grill Transition Box, Plastic, 6" x 4"
VTB66	\$46.00	Grill Transition Box, Plastic, 6" x 6"
VTB77	\$46.00	Grill Transition Box, Plastic, 7" x 7"
VTB84	\$46.00	Grill Transition Box, Plastic, 8" x 4"
VTB86	\$46.00	Grill Transition Box, Plastic, 8" x 6"
VTB88	\$46.00	Grill Transition Box, Plastic, 8" x 8"
VTB104	\$46.00	Grill Transition Box, Plastic, 10" x 4"
VTB105	\$46.00	Grill Transition Box, Plastic, 10" x 5"
VTB106	\$58.00	Grill Transition Box, Plastic, 10" x 6"
VTB108	\$58.00	Grill Transition Box, Plastic, 10" x 8"
VTB124	\$58.00	Grill Transition Box, Plastic, 12" x 4"

Revised: 11-25-09

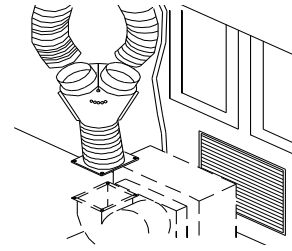
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Plastic Grill Transition Boxes (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
VTB125	\$58.00	Grill Transition Box, Plastic, 12" x 5"
VTB126	\$58.00	Grill Transition Box, Plastic, 12" x 6"
VTB146	\$58.00	Grill Transition Box, Plastic, 14" x 6"
VTB164	\$58.00	Grill Transition Box, Plastic, 16" x 4"
VTB166	\$58.00	Grill Transition Box, Plastic, 16" x 6"

Plastic Duct TEEs, Adjustable Baffle

VHT444	\$92.00	Plastic Duct TEE, 4" Inlet, 4" & 4" Outlets
VHT543	\$92.00	Plastic Duct TEE, 5" Inlet, 4" & 3" Outlets
VHT544	\$92.00	Plastic Duct TEE, 5" Inlet, 4" & 4" Outlets
VHT554	\$92.00	Plastic Duct TEE, 5" Inlet, 5" & 4" Outlets
VHT555	\$92.00	Plastic Duct TEE, 5" Inlet, 5" & 5" Outlets
VHT654	\$92.00	Plastic Duct TEE, 6" Inlet, 5" & 4" Outlets
VHT655	\$92.00	Plastic Duct TEE, 6" Inlet, 5" & 5" Outlets
VHT663	\$92.00	Plastic Duct TEE, 6" Inlet, 6" & 3" Outlets
VHT664	\$92.00	Plastic Duct TEE, 6" Inlet, 6" & 4" Outlets
VHT666	\$92.00	Plastic Duct TEE, 6" Inlet, 6" & 6" Outlets
VHT755	\$92.00	Plastic Duct TEE, 7" Inlet, 5" & 5" Outlets
VHT764	\$92.00	Plastic Duct TEE, 7" Inlet, 6" & 4" Outlets
VHT774	\$92.00	Plastic Duct TEE, 7" Inlet, 7" & 4" Outlets
VHT875	\$92.00	Plastic Duct TEE, 8" Inlet, 7" & 5" Outlets



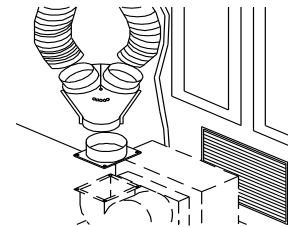
Plastic Duct Ys, Adjustable Baffle

VHY444	\$92.00	Plastic Duct "Y", 4" Inlet, 4" & 4" Outlets
VHY543	\$92.00	Plastic Duct "Y", 5" Inlet, 4" & 3" Outlets
VHY544	\$92.00	Plastic Duct "Y", 5" Inlet, 4" & 4" Outlets
VHY 654	\$92.00	Plastic Duct "Y", 6" Inlet, 5" & 4" Outlets
VHY 655	\$92.00	Plastic Duct "Y", 6" Inlet, 5" & 5" Outlets
VHY 754	\$92.00	Plastic Duct "Y", 7" Inlet, 5" & 4" Outlets
VHY755	\$92.00	Plastic Duct "Y", 7" Inlet, 5" & 5" Outlets
VHY766	\$92.00	Plastic Duct "Y", 7" Inlet, 6" & 6" Outlets
VHY764	\$92.00	Plastic Duct "Y", 7" Inlet, 6" & 4" Outlets
VHY765	\$92.00	Plastic Duct "Y", 7" Inlet, 6" & 5" Outlets
VHY774	\$92.00	Plastic Duct "Y", 7" Inlet, 7" & 4" Outlets
VHY866	\$92.00	Plastic Duct "Y", 8" Inlet, 6" & 6" Outlets

Plastic Blower TEEs, Adjustable Baffle

(Mounts over existing Hose adapter)

VAT444	\$92.00	Plastic Blower TEE, 4" Inlet, 4" & 4" Outlets
VAT543	\$92.00	Plastic Blower TEE, 5" Inlet, 4" & 3" Outlets
VAT544	\$92.00	Plastic Blower TEE, 5" Inlet, 4" & 4" Outlets
VAT555	\$92.00	Plastic Blower TEE, 5" Inlet, 5" & 5" Outlets
VAT653	\$92.00	Plastic Blower TEE, 6" Inlet, 5" & 3" Outlets
VAT654	\$92.00	Plastic Blower TEE, 6" Inlet, 5" & 4" Outlets
228700083	\$92.00	Plastic Blower TEE, 6" Inlet, 5" & 5" Outlets
VAT664	\$92.00	Plastic Blower TEE, 6" Inlet, 6" & 4" Outlets
228700111	\$92.00	Plastic Blower TEE, 7" Inlet, 5" & 5" Outlets
228700058	\$92.00	Plastic Blower TEE, 7" Inlet, 6" & 4" Outlets
228700091	\$92.00	Plastic Blower TEE, 7" Inlet, 6" & 5" Outlets
228700094	\$92.00	Plastic Blower TEE, 7" Inlet, 6" & 6" Outlets
VAT774	\$92.00	Plastic Blower TEE, 7" Inlet, 7" & 4" Outlets



Plastic Blower Ys, Adjustable Baffle

(Mounts over existing Hose adapter)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
VAY443	\$92.00	Plastic Blower "Y", 4" Inlet, 4" & 3" Outlets
VAY544	\$92.00	Plastic Blower "Y", 5" Inlet, 4" & 4" Outlets
VAY554	\$92.00	Plastic Blower "Y", 5" Inlet, 5" & 4" Outlets
VAY644	\$92.00	Plastic Blower "Y", 6" Inlet, 4" & 4" Outlets
VAY654	\$92.00	Plastic Blower "Y", 6" Inlet, 5" & 4" Outlets
VAY664	\$92.00	Plastic Blower "Y", 6" Inlet, 6" & 4" Outlets
VAY764	\$92.00	Plastic Blower "Y", 7" Inlet, 5" & 4" Outlets
VAY765	\$92.00	Plastic Blower "Y", 7" Inlet, 6" & 5" Outlets
VAY866	\$92.00	Plastic Blower "Y", 8" Inlet, 6" & 6" Outlets
VAY874	\$92.00	Plastic Blower "Y", 8" Inlet, 7" & 4" Outlets

Note: StowAway models SXR & SHR, Zephyrs, and most RE & EBA remote cooling units, are supplied with hose adapters (HA) mounted to the blowers. However, StowAway models SXF & SHF, and all other cooling units do not come with HA's. Therefore, HA's must be ordered separately for those units.

Plastic Grill Transition Boxes with Back Connections (Opposite Grill Opening)

VTB44-3B	\$42.00	Grill Transition Box, Plastic, 4" x 4", with 3" Ring Back
VTB44-4B	\$42.00	Grill Transition Box, Plastic, 4" x 4", with 4" Ring Back
VTB64-4B	\$46.00	Grill Transition Box, Plastic, 6" x 4", with 4" Ring Back
VTB84-4B	\$46.00	Grill Transition Box, Plastic, 8" x 4", with 4" Ring Back
VTB84-5B	\$46.00	Grill Transition Box, Plastic, 8" x 4", with 5" Ring Back
VTB104-5B	\$65.00	Grill Transition Box, Plastic, 10" x 4", with 5" Ring Back
VTB106-5B	\$65.00	Grill Transition Box, Plastic, 10" x 6", with 5" Ring Back
VTB106-6B	\$65.00	Grill Transition Box, Plastic, 10" x 6", with 6" Ring Back

Plastic Grill Transition Boxes with Side Connections (On long dimension)

VTB84-4S	\$65.00	Grill Transition Box, Plastic, 8" x 4", with 4" Ring Side
VTB84-5S	\$65.00	Grill Transition Box, Plastic, 8" x 4", with 5" Ring Side
VTB104-5S	\$65.00	Grill Transition Box, Plastic, 10" x 4", with 5" Ring Side
VTB104-6S	\$65.00	Grill Transition Box, Plastic, 10" x 4", with 6" Ring Side
VTB124-6S	\$65.00	Grill Transition Box, Plastic, 12" x 4", with 6" Ring Side

Plastic Grill Transition Boxes with End Connections (On small dimension)

VTB44-4E	\$65.00	Grill Transition Box, Plastic, 4" x 4", with 4" Ring End
VTB64-4E	\$65.00	Grill Transition Box, Plastic, 6" x 4", with 4" Ring End
VTB84-4E	\$67.00	Grill Transition Box, Plastic, 8" x 4", with 4" Ring End
VTB104-4E	\$92.00	Grill Transition Box, Plastic, 10" x 4", with 4" Ring End

Flexible Air Duct

Flexible Duct, Insulated

2060033	\$3.00	Insulated Flex Duct, 3", per Foot
2060004	\$2.60	Insulated Flex Duct, 4", per Foot
2060005	\$3.20	Insulated Flex Duct, 5", per Foot
2060006	\$3.60	Insulated Flex Duct, 6", per Foot
2060007	\$3.80	Insulated Flex Duct, 7", per Foot
2060008	\$4.40	Insulated Flex Duct, 8", per Foot
2060009	\$5.50	Insulated Flex Duct, 9", per Foot
2060012	\$6.50	Insulated Flex Duct, 12", per Foot
2060133	\$60.00	Insulated Flex Duct, 3", 25 Ft. Length
2060104	\$55.00	Insulated Flex Duct, 4", 25 Ft. Length
2060105	\$65.00	Insulated Flex Duct, 5", 25 Ft. Length
2060106	\$70.00	Insulated Flex Duct, 6", 25 Ft. Length
2060107	\$75.00	Insulated Flex Duct, 7", 25 Ft. Length
2060108	\$85.00	Insulated Flex Duct, 8", 25 Ft. Length
2060109	\$100.00	Insulated Flex Duct, 9", 25 Ft. Length
2060110	\$120.00	Insulated Flex Duct, 10", 25 Ft. Length
2060112	\$150.00	Insulated Flex Duct, 12", 25 Ft. Length

Flexible Duct, Vinyl (Not Insulated)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
2060013	\$5.00	Vinyl Flex Duct, 3", per Foot
2060001	\$5.80	Vinyl Flex Duct, 4", per Foot
2060003	\$6.40	Vinyl Flex Duct, 5", per Foot
2060002	\$7.60	Vinyl Flex Duct, 6", per Foot
2060000	\$8.60	Vinyl Flex Duct, 7", per Foot
2060403	\$95.00	Vinyl Flex Duct, 3", 25 Ft. Length
2060404	\$120.00	Vinyl Flex Duct, 4", 25 Ft. Length
2060405	\$130.00	Vinyl Flex Duct, 5", 25 Ft. Length
2060406	\$165.00	Vinyl Flex Duct, 6", 25 Ft. Length
2060407	\$200.00	Vinyl Flex Duct, 7", 25 Ft. Length

Installation Accessories**Tube Insulation**

8010306	\$6.00	Insulation Tube, 3/8" ID x 3/8" Wall, 6 Ft. Length
8010408	\$7.00	Insulation Tube, 1/2" ID x 3/8" Wall, 6 Ft. Length
8010412	\$8.00	Insulation Tube, 3/4" ID x 3/8" Wall, 6 Ft. Length
8010130	\$57.00	Mastic Insulation Tape, 2" x 30 Ft. Roll
8010200	\$128.00	Insulation Mastic Coating, 1 Gallon

Condensate Drain Fittings, Plastic

DF2	\$25.00	Drain Fitting, Straight, 3/8" MPT x 1/2" Hose (10 Pack)
DF3	\$31.00	Drain Fitting, 90°, 3/8" MPT x 1/2" Hose (10 Pack)
DF4	\$25.00	Drain Fitting, Straight, 3/8" MPT x 5/8" Hose (10 Pack)
DF5	\$31.00	Drain Fitting, 90°, 3/8" MPT x 5/8" Hose (10 Pack)
1052608	\$1.30	Drain Fitting, Straight, 3/8" MPT x 1/2" Hose
1052708	\$2.70	Drain Fitting, 90°, 3/8" MPT x 1/2" Hose
1051410	\$1.60	Drain Fitting, Straight, 3/8" MPT x 5/8" Hose
1052410	\$2.60	Drain Fitting, 90°, 3/8" MPT x 5/8" Hose
1052808	\$6.00	Drain Plug, 3/8" MPT
1059708	\$6.00	Drain Plug, 1/2" MPT
1059510	\$1.60	Drain Fitting, Straight, 1/2" MPT x 5/8" Hose
1059610	\$4.40	Drain Fitting, 90°, 1/2" MPT x 5/8" Hose

Refrigerant Fittings

3120204	\$3.10	Flare Nut, 1/4"
3120106	\$4.90	Flare Nut, 3/8"
3121408	\$5.10	Flare Nut, 1/2"
3120512	\$19.80	Flare Nut, 3/4"
3120606	\$5.00	Flare Nut Reducing, 3/8" Flare to 1/4" Tube
3120308	\$5.20	Flare Nut Reducing, 1/2" Flare to 3/8" Tube
3120904	\$6.10	Flare Tee, 1/4" x 1/4" x 1/4"
3121006	\$7.20	Flare Tee, 3/8" x 3/8" x 3/8"
3121808	\$15.80	Flare Tee, 1/2" x 1/2" x 1/2"
3130104	\$8.20	Flare Tee Reducing, 3/8" x 1/4" x 1/4"
3131006	\$13.50	Flare Tee Reducing, 1/2" x 3/8" x 3/8"
3121100	\$11.60	Flare Tee Reducing, 1/2" x 1/2" x 1/4"
3120400	\$48.00	Flare Tee Reducing, 3/4" x 1/2" x 1/2"

Copper Tubing

3070106	\$225.00	Tubing Copper 3/8" OD X .032 Wall -50' Roll
3070204	\$115.00	Tubing Copper 1/4" OD X .030 Wall- 50' Roll
3071505	\$225.00	Tubing Copper 5/16" OD X .032 Wall -50' Roll
3071108	\$210.00	Tubing Copper 1/2" OD X .032 Wall -50' Roll
3071310	\$400.00	Tubing Copper 5/8" OD X .035 Wall -50' Roll
3071612	\$410.00	Tubing Copper 3/4" OD X .035 Wall -50' Roll

Shock Mount Kits

A-568	\$210.00	Shock Mount Kit for SHR/SXR7-16 (not for SHF/SXF)
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Other Installation Parts

2030008	\$150.00	Foam Anti-Slosh 1/2", 52X60"
2030000	\$240.00	Foam Anti-Slosh 1", 52X60"

Tools

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
PTSA	\$430.00	Test Switch For SMX II Units (NOT SX7-16C w/Combo Box, G99 & Earlier)
PTSAX	\$395.00	Test Switch For SMX II (SX7-16C w/Combo Box, G99 & Earlier)
A-900	\$97.00	Adapter for Earlier PTSA to SMX II-HV Board
9040101	\$765.00	UV Leak Detector Light, 120V AC
9040103	\$650.00	UV Leak Detector Dye Kit
043000	\$37.00	Coil Fin Comb Kit

Note: All items are net prices. Standard discounts DO NOT apply.

Replacement Parts Section

For Replacement Parts Identification, see charts in back of booklet.

Blower & Evaporator Parts

Replacement Blowers

2050200	\$205.00	Blower Housing & Wheel EBS12&16S, BL(H)16
2050202	\$70.00	Blower Wheel Only, EBS12&16S, BL(H)16
2051300	\$520.00	Blower Motor Assy EBH 115V
2051400	\$470.00	Blower Motor Assy EBH12&16C 230V
2050700	\$495.00	Blower (w/ Shaft) EBOH20-24
2050600	\$505.00	Blower (w/ Shaft) EBOH30-36
2050800	\$1,485.00	Blower (w/ Shaft) EBOH48
2050100	\$80.00	Bearing Blower 3/4" Ball Cartridge for all EBOH models

Replacement Blower Assemblies (Insulated & Wired) and Blower Motor Capacitors

715210505	\$495.00	Blower Replacement 115V, RE4-5
715210506	\$495.00	Blower Replacement 230V, RE4-5C
RBAD3036C	\$1,440.00	Replacement Blower Assy, EBO30-36C, RE30-36C
715210503	\$550.00	Blower Replacement 115V, REU4-5
715210504	\$550.00	Blower Replacement 230V, REU4-5C
RBFA-6	\$585.00	Blower Replacement 115V, EBA/EBU6-7, REU7-8, SH/SX7, EBO4-8, B212-16, RE7-8
RBFA-6C	\$585.00	Blower Replacement 230V, EBA/U6-7C, E(H)MB4-8C, RE/U7-8C, SH/SX7C, EBO4-8C, B212-16C
RBFA-9	\$585.00	Blower Replacement 115V, EBA/EBU8, REU10, SH/SX10-12, EBO10-12, RE10-12
RBFA-9C	\$585.00	Blower Replacement 230V, EBA/EBU8C, E(H)MB10C, REU10C, SH/SX10-12C, EBO/RE10-12C
RBFA-12	\$625.00	Blower Replacement 115V, EBA/EBU10-12, REU12
RBFA-12C	\$625.00	Blower Replacement 230V, EBA/EBU10-12C, E(H)MB12C, REU12C
RBFA-18	\$665.00	Blower Replacement 115V, EB(A/U/O)16, REU16, SH/SX16, RE16
RBFA-18C	\$665.00	Blower Replacement 230V, EB(A/U/O)16C, E(H)MB16C, RE(U)16C, SH/SX16C, ETBD30C QTY=2
A-123C	\$1,080.00	Replacement B.I. Blower for ETB16C-1, 230V
A-160A	\$1,555.00	Evap/Blwr Module For Model EDSB24C
A-162	\$1,555.00	Evap/Blwr Module For Model ESS12C
A-165A	\$1,555.00	Evap/Blwr Module For EDS & EDSB30C
A-176	\$1,555.00	Evap/Blwr Module For ESS16, 115V
A-166	\$1,555.00	Evap/Blwr Module For ESS16C & ESSB16C, 230V
A-828	\$1,000.00	Retrofit Kit Dir Blwr Assy EBOH- 20 & 24C
6020200	\$32.00	5" Blower Pulley for EBOH24-36
2052703	\$19.00	Blower Motor Capacitor, 8MFD, for REU4-5
2052801	\$19.00	Blower Motor Capacitor, 2MFD, for REU4-5C
2052901	\$20.00	Blower Motor Capacitor, 10MFD, for REU10
2053001	\$20.00	Blower Motor Capacitor, 3MFD, for REU10C
2052701	\$24.00	Blower Motor Capacitor, 16MFD, for REU7,8,12
2052601	\$26.00	Blower Motor Capacitor, 20MFD, for REU16
2052501	\$26.00	Blower Motor Capacitor, 4MFD, for REU7,8,12,16C
715212400	\$710.00	Blower Assembly, 230V, Hi-Efficiency, REU24C (use for RE or EU replacement)
715212404	\$710.00	Blower Assembly, 230V, EBO/EBU24C (use for EBO or EBU replacement)
715212405	\$710.00	Blower Assembly, 230V, SHU/SXU24C (use for SH/SX or SHU/SXU replacement)

Blower Motors

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4030901	\$375.00	Motor 1.0A 230V EFB12C/16C
4031800	\$680.00	Blower Motor, 1/4HP, 115V, 2-Speed, EBOH20-24
4031500	\$435.00	Blower Motor, 1/4HP, 230V, 2-Speed, EBOH20C-24C
4031600	\$1,040.00	Blower Motor, 1/2HP, 230V, 2-Speed, EBOH30C-48C
4035400	\$240.00	Motor 1050/700 RPM 115V 50/60 EBS (see note below), BL(H), EDS, ESS
4035401	\$295.00	Motor 1050/700 RPM 230V 50/60 EBS (see note below), BL(H), EDS, ESS
4032415	\$395.00	Blower Motor, 1/2HP 230V 50/60 EBD30-48 & FP*36-48, must order 4032418 also.
4032417	\$825.00	Blower Motor, 3/4HP 230V 50/60 EBD60-72, must order 4032418 below also.
4032418	\$68.00	Mounting bracket necessary for Blower Motors 4032415 & 4032417 above.

Note: For old EBS, replace blower housing & wheel 2050200 when replacing motor.

Fan Blades

2010600	\$25.00	Blade Fan EFB4 & 5
2010700	\$35.00	Blade Fan EFB10
2010400	\$60.00	Blade Fan 8-1/32D X 20P 5/16 Hub , EFB7 & 8, EFL12
2010300	\$65.00	Blade Fan EFB12-16 10D X 44P 5/16 Hub
2010800	\$70.00	Blade Fan 8D X 24P 5/16 Hub, EFL12
2010500	\$75.00	Blade Fan 8D X 28P 5/16 Hub EFL16
2010900	\$80.00	Blade Fan 8D X 32P 5/16 Hub, EFL16
5072301	\$32.00	Fan Guard, EFB4-10, EFL12-16
5072501	\$36.00	Fan Guard, EFB12-16
5080600	\$1.30	Rubber Grommet for Fan Guards

Replacement Evaporator Coil Assemblies

RCA-BO4	\$315.00	Replacement Coil Assembly EFB/EBO4
RCA-BO5	\$315.00	Replacement Coil Assembly EFB/EBO5
RCA-BO7	\$400.00	Replacement Coil Assembly EFB/EBO7
RCA-BO8	\$400.00	Replacement Coil Assembly EFB/EBO8
RCA-BO10	\$505.00	Replacement Coil Assembly EFB/EBO10
RCA-BHO12	\$525.00	Replacement Coil Assembly EFB/EBH/EBO12
RCA-C12	\$525.00	Replacement Coil Assembly EBS/ESS12
RCA-L12	\$410.00	Replacement Coil Assembly EFL,EBLP,E212
RCA-BHO1614U	\$570.00	Replacement Coil Assembly EFB/EBH/EBO14&16 (not for EBU models)
RCA-C1614U	\$495.00	Replacement Coil Assembly EBS/ESS16 & EBS14U Built prior to Feb 2003
RCA-C1614U/1	\$495.00	Replacement Coil Assembly EBS/ESS16 & EBS14U Built after Feb 2003
RCA-L16	\$510.00	Replacement Coil Assembly EFL,EBLP,E216
RCA-EBOH24	\$675.00	Replacement Coil Assembly EBOH24
RCA-O24	\$625.00	Replacement Coil Assembly EBO24
715211200	\$525.00	Replacement Coil Assembly EBU12
715213000	\$835.00	Replacement Coil Assembly EBL30
715210800	\$435.00	Replacement Coil Assembly ETB16 - specify left or right
RCA-SV7	\$270.00	Replacement Coil Assembly SH(R)/SX(R)7 built through year 2000 (not for SL units)
RCA-SV7-1	\$270.00	Replacement Coil Assembly SHR/SXR7 starting 2001 thru June 2005 (not for SL units)
705607000	\$270.00	Replacement Coil Assembly SHR/SXR7 built after June 2005 (not for SL units)
RCA-SV10	\$305.00	Replacement Coil Assembly SH/SX10 (not for Left Hand SL units)
RCA-SV12	\$310.00	Replacement Coil Assembly SH/SX12 (not for Left Hand SL units)
RCA-SV16	\$355.00	Replacement Coil Assembly SH/SX16 (not for Left Hand SL units)
RCA-SV24	\$490.00	Replacement Coil Assembly SH/SX24 (not for Left Hand SL units)
RCA-SLV7	\$270.00	Replacement Coil Assembly SHL/SXL7
RCA-SLV12	\$345.00	Replacement Coil Assembly SHL/SXL12
RCA-SLV16	\$445.00	Replacement Coil Assembly SHL/SXL16
RCA-HI/EFF7	\$400.00	Replacement Coil Assembly High Efficiency 7, EBU7
715211200	\$420.00	RCA-HI/EFF12; Replacement Coil Assembly High Efficiency 12, EBU12
RCA-HI/EFF 16	\$490.00	Replacement Coil Assembly High Efficiency 16, EBU16
715210401	\$280.00	Replacement Coil Assembly RE(U)4
715210501	\$280.00	Replacement Coil Assembly RE(U)5
715210701	\$310.00	Replacement Coil Assembly RE(U)7
715210801	\$310.00	Replacement Coil Assembly RE(U)8
715211001	\$350.00	Replacement Coil Assembly RE(U)10
715211201	\$360.00	Replacement Coil Assembly RE(U)12
715211601	\$455.00	Replacement Coil Assembly RE(U)16
715212001	\$665.00	Replacement Coil Assembly RE(U)20
715212401	\$665.00	Replacement Coil Assembly RE(U)24
715213001	\$690.00	Replacement Coil Assembly RE(U)30
715213601	\$720.00	Replacement Coil Assembly RE(U)36

Breathe Easy™ Air Purifier**NEW FOR 2010**

Item No.	List Price USD	Description
4210805	\$189.95	Breathe Easy Portable Air Purifier, 12-115-230
TBD	\$795.00	Breathe Easy UV Tube 4" Rings
TBD	\$795.00	Breathe Easy UV Tube 5" Rings
229801252	\$795.00	Breathe Easy UV Tube 6" Rings
TBD	\$895.00	Breathe Easy UV Tube 7" Rings
TBD	\$895.00	Breathe Easy UV Tube 8" Rings

**If interested in these items, please contact your Cruisair Sales/Applications Representative.

Micro-Particle Anti-Allergenic Air Filters

Item No.	List Price USD	Fits Cruisair A/C Models	Fits Dometic A/C Models	Width x Height	
				inches	mm
235000600	\$25.00	SXF5, SXF5-1, SHF5, SHF5-1, ZF5, ZF5-1	ECM5, ECD5	7-7/8 x 9	200 x 229
235000601	\$25.00	SXF7, SXF7-1, SHF7, SHF7-1, SXR7-1, SHR7-1, SXR10, SHR10, SXR12, SHR12	ECM6.5, ECD6.5	9-3/8 x 10	238 x 254
235000602	\$25.00	SXR7, SHR7 (old style 7K), ZF3.5	N/A	8-1/8 x 8	206 x 203
235000603	\$25.00	SXF10-1, SHF10-1, ZF10-1	ECM9, ECD9	10-7/8 x 10	276 x 254
235000604	\$25.00	SXF10, SHF10, ZF10, ZF12	N/A	11-7/8 x 10	302 x 254
235000605	\$28.00	SHF16-1, ZF12-1, SXR16, SHR16, ZF16-1, STX14, STX16, STQ14, STQ16, STH14, STH16	ECM11, ECD11	10-7/8 x 12	276 x 305
235000606	\$28.00	SXF12, SHF12, SXF16, SHF16, SXF18, SHF18, ZF16	ECM15, ECD15	11-7/8 x 12	302 x 305
235000607	\$60.00	SXF24, SXF24-1, SHF24, SHF24-1 (special order)	N/A	16-3/8 x 16	416 x 406
235000608	\$60.00	SX24, SH24 (special order)	N/A	15-1/8 x 17	384 x 432
235000638	\$31.00	STX6, STX8, STQ6, STQ8, STH6, STH8	N/A	8-7/8 x 10-1/4	226 x 261
235000639	\$32.00	STX10, STX12, STQ10,	N/A	10-7/8 x 11-1/2	276 x 293

Important Notes:

1. Pay close attention to A/C models 10, 12 & 16 and whether or not they have the suffix "-1" or "/1" in the model number. Models with either suffix were built starting in March, 2003.
2. In above chart, /1 can be used to designate /1 or /2 models.

Custom filter sizes are available.

Minimum custom filter order quantity = 50

Return Air Filters

2030110	\$2.00	RA Filter, Black Mesh, by the foot
2030300	\$15.30	Filter Air 15 X 17 X 1 Fiber, EBOH20 & 24, EBOH48
2031307	\$15.00	Filter Air w/ Frame/Clip Old SH/SX7
2031310	\$15.00	Filter Air w/ Frame/Clip New SHR/SXR7/1, SH/SX10/12
2031316	\$15.30	Filter Air w/ Frame/Clip SH/SX16
2031500	\$17.50	RA Filter EBS,EBO 12/14/16, Black Mesh
2031501	\$17.50	RA Filter EBO 10 Black Mesh
2031502	\$17.50	RA Filter EBO 7/8 Black Mesh
2031503	\$17.50	RA Filter EBO 4/5 Black Mesh
2031504	\$20.00	RA Filter EBLP Black Mesh
2031507	\$17.50	RA Filter StowAway 7 Black Mesh
2031510	\$17.50	RA Filter StowAway 10/12 Black Mesh
2031516	\$20.00	RA Filter StowAway 16 Black Mesh
2031524	\$20.00	RA Filter StowAway 24 Black Mesh
2030310	\$17.50	FILTER BLK MESH 11"X11.5" SXF10
2030312	\$17.50	FILTER BLK MESH 11"X12.5" SXF12
2030316	\$20.00	FILTER BLK MESH 11"X13" SXF16
2030307	\$15.00	FILTER BLK MESH 9.5"X11" SXF7
715210502	\$20.00	RA Filter RE(U)4-5
715211202	\$20.00	RA Filter RE(U)7-12
715211602	\$24.00	RA Filter RE(U)16
715212402	\$40.00	RA Filter RE(U)20-24
715213602	\$40.00	RA Filter RE(U)30-36

Compressor & Condensing Unit Parts

Replacement Compressors (see Replacement Parts charts in back of book)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
R3101-5T	\$565.00	Repl Compressor w/ Tubes 115V
R3101-7S	\$520.00	Repl Compressor StowAway 7 115V
R3101-7T	\$565.00	Repl Compressor w/ Tubes 115V
R3101-10S	\$640.00	Repl Compressor StowAway 10 115V
R3101-10T	\$685.00	Repl Compressor w/ Tubes 115V
R3101-12S	\$645.00	Repl Compressor StowAway 12 115V
R3101-12T	\$685.00	Repl Compressor w/ Tubes 115V
R3101-16S	\$650.00	Repl Compressor StowAway 16 115V
R3101-16T	\$695.00	Repl Compressor w/ Tubes 115V
R3102-7S	\$540.00	Repl Compressor SH7C 230V
R3102-7T	\$565.00	Repl Compressor w/ Tubes 230V
R3102-10S	\$645.00	Repl Compressor StowAway 10C 230V
R3102-10T	\$690.00	Repl Compressor w/ Tubes 230V
R3102-12S	\$650.00	Repl Compressor StowAway 12C 230V
R3102-12T	\$695.00	Repl Compressor w/ Tubes 230V
R3102-16S	\$650.00	Repl Compressor StowAway 16C 230V
R3102-16T	\$695.00	Repl Compressor w/ Tubes 230V
R3103-7S	\$655.00	Repl Compressor SH7CK 240V 50HZ
R3103-7T	\$675.00	Repl Compressor w/ Tubes 240V 50HZ
R3103-10T	\$695.00	Repl Compressor w/ Tubes 240V 50HZ
R3103-12S	\$650.00	Repl Compressor SH12CK 240V 50HZ
R3103-16S	\$965.00	Repl Compressor SH16CK 240V 50HZ
R3103-16T	\$975.00	Repl Compressor w/ Tubes 240V 50HZ
R3140-7S	\$500.00	Repl Compressor Rotary SHR7 115V (for unit built prior to January 2006)
R3140-10S	\$560.00	Repl Compressor Rotary SHR10 115V (for unit built prior to January 2006)
R3140-12S	\$575.00	Repl Compressor Rotary SHR12 115V (for unit built prior to January 2006)
R3140-16S	\$590.00	Repl Compressor Rotary SHR16 115V (for unit built prior to January 2006)
R3141-7S	\$500.00	Repl Compressor Rotary SHR7C 230V (for unit built prior to January 2006)
R3141-10S	\$560.00	Repl Compressor Rotary SHR10C 230V (for unit built prior to January 2006)
R3141-12S	\$575.00	Repl Compressor Rotary SHR12C 230V (for unit built prior to January 2006)
R3141-16S	\$595.00	Repl Compressor Rotary SHR16C 230V (for unit built prior to January 2006)
R3142-7S	\$505.00	Repl Compressor Rotary SHR7CK 240V 50HZ (for unit built prior to January 2006)
R3142-12S	\$575.00	Repl Compressor Rotary SHR12CK 240V 50HZ (for unit built prior to January 2006)
701807100	\$615.00	Repl Compressor Rotary SH/SXR7 115V 60HZ (for unit built after January 2006)
701807200	\$615.00	Repl Compressor Rotary SH/SXR7C 230V (for unit built after January 2006)
701807300	\$625.00	Repl Compressor Rotary SH/SXR7CK 240V 50HZ (for unit built after January 2006)
701810100	\$635.00	Repl Compressor Rotary SH/SXR10 115V 60HZ (for unit built after January 2006)
701810201	\$630.00	Repl Compressor Rotary SH/SXR10C 230V (for unit built after January 2006)
701810300	\$630.00	Repl Compressor Rotary SH/SXR10CK 240V 50HZ (for unit built after January 2006)
701812100	\$640.00	Repl Compressor Rotary SH/SXR12 115V 60HZ (for unit built after January 2006)
701812200	\$640.00	Repl Compressor Rotary SH/SXR12C 230V (for unit built after January 2006)
701816100	\$650.00	Repl Compressor Rotary SH/SXR16 115V 60HZ (for unit built after January 2006)
701816200	\$650.00	Repl Compressor Rotary SH/SXR16C 230V (for unit built after January 2006)
701820200	\$1,060.00	Repl Comp H29 w/caps & relay, Remotes F-R20C 230/60/1 (no paint or tubes)
701820300	\$1,100.00	Repl Comp H29 w/caps & relay, Remotes F-R20CK 240/50/1 (no paint or tubes)
701824200	\$1,105.00	Repl Comp H29 w/caps & relay, Remotes F-R24C 230/60/1 (no paint or tubes)
701824301	\$1,180.00	Repl Comp H29 w/caps & relay, Remotes F-R24CK 240/50/1 (no paint or tubes)
701824500	**	Repl Comp H29 w/caps & relay, Remotes F-R24D 230/60/3 (no paint or tubes)
701824700	**	Repl Comp H29 w/caps & relay, Remotes F-R24E 460/60/3 (no paint or tubes)
701824800	**	Repl Comp H29 w/caps & relay, Remotes F-R24ECK 380/50/3 (no paint or tubes)
701830200	\$1,130.00	Repl Comp H29 w/caps & relay, Remotes F-R30C 230/60/1 (no paint or tubes)
701830301	**	Repl Comp H29 w/caps & relay, Remotes F-R30CK 240/50/1 (no paint or tubes)
701830800	**	Repl Comp H29 w/caps & relay, Remotes F-R30ECK 380/50/3 (no paint or tubes)
701836200	\$1,155.00	Repl Comp H29 w/caps & relay, Remotes F-R36C 230/60/1 (no paint or tubes)
701836301	**	Repl Comp H29 w/caps & relay, Remotes F-R36CK 240/50/1 (no paint or tubes)
701836500	**	Repl Comp H29 w/caps & relay, Remotes F-R36D 230/60/3 (no paint or tubes)
701836700	**	Repl Comp H29 w/caps & relay, Remotes F-R36E 460/60/3 (no paint or tubes)
701836800	**	Repl Comp H29 w/caps & relay, Remotes F-R36ECK 380/50/3 (no paint or tubes)
701848200	\$1,660.00	Repl Comp Scroll w/caps & relay, Remotes F-R48C 230/60/1 (no paint or tubes)
701848300	**	Repl Comp Scroll w/caps & relay, Remotes F-R48CK 240/50/1 (no paint or tubes)

Replacement Compressors (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
701848500	**	Repl Comp Scroll w/caps & relay, Remotes F-R48D 230/60/3 (no paint or tubes)
701848700	**	Repl Comp Scroll w/caps & relay, Remotes F-R48E 460/60/3 (no paint or tubes)
701848800	**	Repl Comp Scroll w/caps & relay, Remotes F-R48ECK 380/50/3 (no paint or tubes)
3015026	\$1,070.00	Repl Comp Scroll, Modulating Units FM-RM24C 230/60/1 (no paint or tubes)
3015330	\$1,275.00	Repl Comp Scroll, Modulating Units FM-RM24CK 220/50/1 (no paint or tubes)
3015126	\$1,810.00	Repl Comp Scroll, Modulating Units FM-RM24D(C) 230/60/3 (no paint or tubes)
3015230	\$2,040.00	Repl Comp Scroll, Modulating Units FM-RM24ECK 380/50/3 (no paint or tubes)
3015030	\$1,600.00	Repl Comp Scroll, Modulating Units FM-RM30C 230/60/1 (no paint or tubes)
3015130	\$2,000.00	Repl Comp Scroll, Modulating Units FM-RM30D(C) 230/60/3 (no paint or tubes)
3015230	\$2,040.00	Repl Comp Scroll, Modulating Units FM-RM30E(C) 460/60/3 (no paint or tubes)
3015042	\$1,800.00	Repl Comp Scroll, Modulating Units FM-RM42C 230/60/1 (no paint or tubes)
3015348	\$2,085.00	Repl Comp Scroll, Modulating Units FM-RM42CK 220/50/1 (no paint or tubes)
3015142	\$1,405.00	Repl Comp Scroll, Modulating Units FM-RM42D(C) 230/60/3 (no paint or tubes)
3015242	\$2,115.00	Repl Comp Scroll, Modulating Units FM-RM42E(C) 460/60/3 (no paint or tubes)
3015248	\$2,515.00	Repl Comp Scroll, Modulating Units FM-RM42ECK 380/50/3 (no paint or tubes)

**If interested in these items, please contact your Cruisair Sales Representative.

Note: Replacement rotary Panasonic compressors for units built after Jan '06 come with the run capacitor, overload & PTCR.

Single Phase Soft Start Devices**NEW FOR 2010**

4220040	\$450.00	SmartStart™, 115V, 60Hz, 6K-18K
4220043	\$450.00	SmartStart™, 230V, 50-60Hz (208-240V) for 12K-30K
4220044	\$450.00	SmartStart™, 230V, 50-60Hz for 36K-60K

Compressor Bushings

5080500	\$1.50	Cushion Large
5081000	\$1.50	Cushion Small
5081200	\$1.20	Sleeve Large Cushion
5081100	\$1.00	Sleeve Small Cushion

Capacitors

4041007	\$11.00	Capacitor Run 7.5 MF 370 V
4040115	\$12.60	Capacitor Run 15 MFD 400/440V
4040120	\$11.00	Capacitor Run 20MFD. 370V
4040125	\$11.60	Capacitor Run 25 MFD. 370V
4040130	\$13.90	Capacitor Run 30MFD 370V
4040135	\$18.00	Capacitor Run 35 MFD. 370V
4041004	\$26.00	Capacitor Run 4 MF 370V
4040140	\$30.00	Capacitor Run 40 MFD 440V 50/60HZ
4040145	\$18.80	Capacitor Run 45 MF 370V 60HZ
4040155	\$24.00	Capacitor Run 55MFD 370V
4040160	\$28.00	Capacitor Run 60 MFD 370V
4040180	\$48.00	Capacitor Run 80 MFD 370V
4040521	\$15.00	Capacitor Start 21-25MFD 330V 50/60
4040016	\$100.00	Capacitor Start 216 MFD 330V
4040243	\$22.00	Capacitor Start 43-53 MFD 220V 60
4040543	\$18.00	Capacitor Start 43-53 MFD. 330V 60
4040288	\$27.00	Capacitor Start 72-88 MFD 330V
4040106	\$56.00	Capacitor Start 88-106
4040070	\$86.00	Capacitor Start High Torque
4040324	\$55.00	Capacitor Start 270-324/330
4040206	\$26.00	Capacitor Start 88-106 MR W/15 OHM

Start Relays

4128325	\$100.00	Relay Start ARR3T3TP3
4128425	\$100.00	Relay Start ARR3T8K3
4128200	\$100.00	Relay Start BRISTOL #650979 or GE #GE3ARR22J24R3
4130200	\$100.00	Relay Start GE #3ARR3-CT10S5
4130100	\$100.00	Relay Start GE #GE3ARR3-B3P3
4128150	\$100.00	Relay Start Ignition Protected Version of #4128100 (GE #3ARR22W3N3)
4128350	\$100.00	Relay Start Ignition Protected Version of #4128325 (GE #3ARR3T3TP3)
4128450	\$100.00	Relay Start Ignition Protected Version of #4128425 (GE #3ARR3T8K3)

Start Relays (continued)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4130050	\$100.00	Relay Start Ignition Protected Version of #4130000 (GE #3ARR3-B25S3)
4130150	\$100.00	Relay Start Ignition Protected Version of #4130125 (GE #3ARR3-T3P3)
4130250	\$100.00	Relay Start Ignition Protected Version of #4130200 (GE #3ARR3-CT10S5)
4130450	\$100.00	Relay Start Ignition Protected Version of #4130400
4127400	\$100.00	Relay Start Rotary 16C
4127500	\$100.00	Relay Start Rotary 16CK 3ARR3-T3AV3

Compressor Overloads

4123700	\$25.00	Overload Protector for #AK8515E
044600	\$25.00	Overload For Panasonic 7CK Compressor
044700	\$28.00	Overload Old Copeland 30101-16
045000	\$28.00	Overload Old Copeland 30101-10 &12
046500	\$25.00	Overload Tecumseh 30103-07
046600	\$25.00	Overload Tecumseh 30103-10
046800	\$25.00	Overload Tecumseh 3014016
046801	\$25.00	Overload Tecumseh 3014112, 3014116, 3014216
046803	\$25.00	Overload Tecumseh 3014012
046805	\$25.00	Overload Tecumseh 3014212
046806	\$25.00	Overload Tecumseh 3014010
046807	\$25.00	Overload Tecumseh 3014110
046808	\$25.00	Overload Tecumseh 3014210
046809	\$25.00	Overload Tecumseh 3014007
046810	\$25.00	Overload Tecumseh 3014107
048400	\$25.00	Overload Tecumseh 30102-07
048800	\$25.00	Overload Tecumseh 30101-07
048900	\$25.00	Overload Tecumseh 30101-10
4043100	\$18.00	Overload Panasonic 334037
4120024	\$18.00	Overload Panasonic 3013505
4120008	\$18.00	Overload Panasonic 3013307
4120009	\$18.00	Overload Panasonic 3013407
4120025	\$18.00	Overload Panasonic 3013507
4120006	\$18.00	Overload Panasonic 3013310
4120010	\$18.00	Overload Panasonic 3013410
4120028	\$18.00	Overload Panasonic 3013510
4120007	\$18.00	Overload Panasonic 3013312
4120010	\$18.00	Overload Panasonic 3013412
4120027	\$18.00	Overload Panasonic 3013417
4120022	\$18.00	Overload Panasonic 3013416
4120023	\$22.00	Overload Panasonic 3013518
049000	\$25.00	Overload Tecumseh 30101-11 &12
049200	\$25.00	Overload Tecumseh 30102-10
049300	\$25.00	Overload Tecumseh 30102-12
049400	\$25.00	Overload Tecumseh 30102-16
049600	\$25.00	Overload Tecumseh 30101-05

Pressure Switches

A-200	\$65.00	Line Duty High Pressure Switch
A-201	\$62.00	Low Pressure Switch
A-204	\$46.00	Low Pressure Port Retro Kit
A-205	\$62.00	High Pressure Switch
A-516	\$133.00	Rplcmnt Press Switch Kit, Cap Tube to 1/4 Flare (Braze on, order press switch too)
4024100	\$30.00	Adapter Tee Assy, Flare Service Port

Replacement Seawater Condensers

R3600-F5	\$385.00	Condenser Assembly F5
R3600-F7	\$450.00	Condenser Assembly F7
R3600-F10	\$565.00	Condenser Assembly F10
R3600-F12	\$600.00	Condenser Assembly F12
R3600-F16	\$645.00	Condenser Assembly F16
R3600-F20	\$710.00	Condenser Assembly F20
R3600-F24	\$820.00	Condenser Assembly F24
R3600-F30	\$1,415.00	Condenser Assembly F30
R3600-F36	\$1,445.00	Condenser Assembly F36
R3600-F48	\$1,635.00	Condenser Assembly F48

Replacement Seawater Condensers (continued)

Item No.	List Price USD	Description
R3600-S7	\$420.00	Replacement Condenser StowAway 7
R3600-S10	\$530.00	Replacement Condenser StowAway 10
R3600-S12	\$580.00	Replacement Condenser StowAway 12
R3600-S16	\$650.00	Replacement Condenser StowAway 16
701824302	\$905.00	Repl Condenser RM24, R30

Replacement Reversing Valves (verify model & serial numbers before ordering)

701820240	\$325.00	Repl Reversing Valve R20/24
701830360	**	Repl Reversing Valve R30/36
701848000	**	Repl Reversing Valve R48
A-509B	\$310.00	Repl RV Assy VH7, StowAway & Remote 5-7K (replaces A-509A for these units)
A-509C	\$360.00	Repl RV Assy V1-4, Remote 10-12-16K (replaces A-509A for these units)
A-511B	\$410.00	Repl RV Assy V2-4, Stow 10-12-16K, Remote 20-24K, ACH14K (Rplc's A-511A)
A-512B	\$490.00	Repl RV Assy V3-4, Remote 30-36K (Replaces A-515A)
A-510B	\$435.00	Repl RV Assy V6-4, StowAway 24 & Remote 48-60-72K (Replaces A-510A)
331531	\$18.80	Coil RV Solenoid 230V used on models with "before" dates listed below * * StowAway & Remote 5-7K before 3-29-04 (serial number 413xxxxx) * StowAway & Remote 10K & Up before 11-04-04 (serial number 445xxxxx)
4071501	\$18.40	Coil RV Solenoid 115V used with VH7 valve in assembly A-509B
4071601	\$19.20	Coil RV Solenoid 203V used with VH7 valve in assembly A-509B
4071502	\$16.00	Coil RV Sol 115V used with "-4" valves in assy's A-509C, A-510B, A-511B, A-512B
4071602	\$16.00	Coil RV Sol 230V used with "-4" valves in assy's A-509C, A-510B, A-511B, A-512B
4071700	\$6.10	Cord RV Coil Wiring for all assemblies above except not needed with A-509B (VH7 vlv)

**If interested in these items, please contact your Cruisair Sales Representative.

Notes:

1. New Reversing Valves will work on older units, but you must also replace the Solenoid Coil.
2. New valves will not work with old coils and old valves will not work with the new coils.

Base Valves

3080106	\$40.00	Valve Base 3/8, Suction, 5-12k
3080204	\$40.00	Valve Base 1/4, Discharge, 5-16k
3080508	\$35.00	Valve Base 3/8 OD X 1/2MFL, Suction, 16k
3080600	\$1.20	Valve Core
3080808	\$40.00	Valve Base 1/2 OD X 1/2MFL, Suction, 20-24k
3081012	\$65.00	Valve Base 3/4, Suction 30-48k
3081100	\$1.90	Valve Core Fitting
3081206	\$35.00	Valve Base 3/8, Discharge, 20-48k
3121204	\$1.10	Cap Flare 1/4
3121301	\$7.00	Cap Valox Base Valve Stem

Receivers and Dryers

3150400	\$35.00	Receiver Strainer Small 1/4" OD Solder
3150401	\$46.00	Receiver Strainer Large 3/8" OD Solder
3150706	\$16.40	Filter Dryer 3/8" OD Solder
3151604	\$12.60	Filter Dryer Liquid Line 1/4"OD Solder
3160106	\$29.00	Accumulator Copper In-Line 3/8" Solder
3160300	\$68.00	Accumulator Steel J-Type 3X 8.5 w/ 1/2"OD
3160401	\$70.00	Accumulator Steel J-Type 4X 8.5 w/ 5/8"OD
3160500	\$172.00	Accumulator Steel J-Type 5X 9 w/ 3/4"OD
3160608	\$23.00	Accumulator In Line 1/2" OD Solder
9081106	\$123.00	Dryer 3/8" Flare
9081208	\$116.00	Dryer 1/2" Bi-Directional

Replacement Parts for Turbo Units

Blower Assemblies

Turbo STQ, STX & STH Replacement Blowers

239400052	\$400.00	Blower Assy ST6, 115V
239400053	\$400.00	Blower Assy ST6, 220V 50HZ
239400054	\$430.00	Blower Assy ST8, 115V
239400055	\$430.00	Blower Assy ST8, 230V & 220V 50HZ
239400056	\$470.00	Blower Assy ST10-12, 115V

Blower Assemblies (continued)**Turbo STQ, STX & STH Replacement Blowers**

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
239400057	\$470.00	Blower Assy ST10-12, 230V & 220V 50HZ
239400058	\$510.00	Blower Assy ST14-16, 115V
239400059	\$510.00	Blower Assy ST14-16, 230V & 220V 50HZ

Compressor Assemblies**Turbo STQ, STX & STH Replacement Compressors**

239402020	\$450.00	Repl Compressor ST6, 115V
239402021	\$470.00	Repl Compressor ST6, 220V 50HZ
239402022	\$460.00	Repl Compressor ST8, 115V
239402023	\$470.00	Repl Compressor ST8, 230V
239402024	\$480.00	Repl Compressor ST8, 220V 50HZ
239402025	\$470.00	Repl Compressor ST10, 115V
239402026	\$480.00	Repl Compressor ST10, 230V
239402027	\$490.00	Repl Compressor ST10, 220V 50HZ
239402028	\$470.00	Repl Compressor ST12, 115V
239402029	\$480.00	Repl Compressor ST12, 230V
239402030	\$490.00	Repl Compressor ST12, 220V 50HZ
239402031	\$480.00	Repl Compressor ST14, 115V
239402032	\$490.00	Repl Compressor ST14, 230V
239402033	\$500.00	Repl Compressor ST14, 220V 50HZ
239402034	\$480.00	Repl Compressor ST16, 115V
239402035	\$500.00	Repl Compressor ST16, 230V
239402036	\$650.00	Repl Compressor ST16, 220V 50HZ

Evaporator Assemblies with Strainer**Turbo STQ, STX & STH Replacement Evaporators**

239401009	\$285.00	Evap Assy ST6
239401010	\$285.00	Evap Assy ST8
239401011	\$315.00	Evap Assy ST10
239401012	\$315.00	Evap Assy ST12
239401013	\$320.00	Evap Assy ST14
239401014	\$320.00	Evap Assy ST16

Electrical Box Assemblies**Turbo STQ Replacement Electrical Boxes**

293048988	\$420.00	Electrical Box Assy STQ6, 115V
293048989	\$420.00	Electrical Box Assy, STQ6, 220V 50HZ
293048990	\$420.00	Electrical Box Assy, STQ8, 115V
293048991	\$420.00	Electrical Box Assy, STQ8, 230V & 220V 50HZ
293048992	\$425.00	Electrical Box Assy, STQ10-12, 115V
293048993	\$425.00	Electrical Box Assy, STQ10, 230V
293048994	\$425.00	Electrical Box Assy, STQ10, 220V 50HZ
293048995	\$425.00	Electrical Box Assy, STQ12, 230V
293048996	\$425.00	Electrical Box Assy, STQ12, 220V 50HZ
293048997	\$425.00	Electrical Box Assy, STQ14, 115V
293048998	\$425.00	Electrical Box Assy, STQ14-16, 230V
293048999	\$425.00	Electrical Box Assy, STQ14-16, 220V 50HZ
293049269	\$510.00	Electrical Box Assy, STQ16, 115V

Reversing Valve Assemblies

239100071	\$230.00	Rev. Valve Assy ST6-8, 115V
239100072	\$230.00	Rev. Valve Assy ST6-8, 220V 50HZ & 230V
239100073	\$240.00	Rev. Valve Assy ST10-12, 115V
239100074	\$240.00	Rev. Valve Assy ST10-12, 220V 50HZ & 230V
239100075	\$250.00	Rev. Valve Assy ST14-16, 115V
239100076	\$250.00	Rev. Valve Assy ST14-16, 220V 50HZ & 230V

Solenoids

4071503	\$13.80	Reversing Valve Solenoid, ST6-16, 115V
4071603	\$14.20	Reversing Valve Solenoid, ST6-16, 230V and 220V 50Hz

Drain Pan Assemblies

239300022	\$122.00	Drain Pan Assy ST6-8
239300023	\$122.00	Drain Pan Assy ST10-12
239300024	\$122.00	Drain Pan Assy ST14-16

Compressor Overloads

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4043100	\$18.00	Compressor Overload, ST6, 115V
4120024	\$18.00	Compressor Overload, ST6, 220V 50Hz
4120008	\$18.00	Compressor Overload, ST8, 115V
4120006	\$18.00	Compressor Overload, ST8, 230V
4120025	\$18.00	Compressor Overload, ST8, 220V 50Hz
4120038	\$18.00	Compressor Overload, ST10, 115V
4120039	\$18.00	Compressor Overload, ST10, 230V
4120028	\$18.00	Compressor Overload, ST10, 220V 50Hz
4120007	\$18.00	Compressor Overload, ST12-14, 115V
4120010	\$18.00	Compressor Overload, ST12, 230V
335573	\$18.00	Compressor Overload, ST12, 220V 50Hz
4120040	\$18.00	Compressor Overload, ST14, 230V and 220V 50Hz
4120027	\$18.00	Compressor Overload, ST16, 115V
4120022	\$18.00	Compressor Overload, ST16, 230V
332859	\$22.00	Compressor Overload, ST16, 220V 50Hz

Capacitors

4040028	\$19.50	Dual Run Cap, ST6, 115V
4040034	\$19.50	Dual Run Cap, ST6, 220V 50Hz
4040031	\$19.50	Dual Run Cap, ST8, 115V
4040040	\$19.50	Dual Run Cap, ST8, 230V and 220V 50Hz
4040029	\$19.50	Dual Run Cap, ST10, 115V
4040033	\$19.50	Dual Run Cap, ST10, 230V
4040035	\$19.50	Dual Run Cap, ST10, 220V 50Hz
4040029	\$19.50	Dual Run Cap, ST12, 115V
4040037	\$19.50	Dual Run Cap, ST12, 230V
4040041	\$19.50	Dual Run Cap, ST12, 220V 50Hz
4040032	\$19.50	Dual Run Cap, ST14, 115V
4040038	\$19.50	Dual Run Cap, ST14-16, 230V
4040036	\$19.50	Dual Run Cap, ST14-16, 220V 50Hz
4040039	\$25.00	Dual Run Cap, ST16, 115V

Mounting Blower Rings

228700011	\$14.00	Mounting Ring, ST6
335884	\$15.00	Mounting Ring, ST8
335883	\$17.00	Mounting Ring, ST10-12
335882	\$20.00	Mounting Ring, ST14-16

Sound Covers*(for R22/R417A units)*

8010106	\$180.00	Sound Cover, ST6-8
8010110	\$180.00	Sound Cover, ST10, ST10C, ST12CK
8010112	\$180.00	Sound Cover, ST12, ST12C, ST10CK
8010114	\$180.00	Sound Cover, ST14, ST16, ST16CK
8010116	\$180.00	Sound Cover, ST14C, ST16C, ST14CK

Sound Covers*(for R410A units)*

8010106	\$180.00	Sound Cover, ST6-8
8010110	\$180.00	Sound Cover, ST10-12, and ST12C
8010114	\$180.00	Sound Cover, ST16 and ST16C

Return Air Plenums

229801121	\$122.00	Plenum, Aluminum 6-8K Turbo, No Ring
229801129	\$210.00	Plenum, Aluminum 6-8K Turbo, 10" Ring
229801093	\$132.00	Plenum, Aluminum 10-12K Turbo, No Ring
229801094	\$220.00	Plenum, Aluminum 10-12K Turbo, 12" Ring
229801124	\$143.00	Plenum, Aluminum 14-16K Turbo, No Ring
229801095	\$230.00	Plenum, Aluminum 14-16K Turbo, 12" Ring

Replacement EnviroCool & EnviroComfort Assemblies

Blower Assemblies

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
239400063	\$210.00	Blower Assembly, ECD5K-HV, 115V
239400064	\$255.00	Blower Assembly, ECD6.5K-HV, 115V
239400065	\$260.00	Blower Assembly, ECD9K-HV, 115V
239400066	\$260.00	Blower Assembly, ECD11K-HV, 115V
239400067	\$295.00	Blower Assembly, ECD15K-HV, 115V
239400068	\$245.00	Blower Assembly, ECM5K-HV, 115V
239400069	\$285.00	Blower Assembly, ECM6.5K-HV, 115V
239400070	\$295.00	Blower Assembly, ECM9K-HV, 115V
239400071	\$295.00	Blower Assembly, ECM11K-HV, 115V
239400072	\$355.00	Blower Assembly, ECM15K-HV, 115V

Electrical Box Assemblies

293049285	\$390.00	Electrical Box Assembly, ECD5K-HV, 115V
293049286	\$395.00	Electrical Box Assembly, ECD6.5K-HV, 115V
293049287	\$395.00	Electrical Box Assembly, ECD9K-HV, 115V
293049288	\$395.00	Electrical Box Assembly, ECD11K-HV, 115V
293049289	\$400.00	Electrical Box Assembly, ECD15K-HV, 115V
293049290	\$390.00	Electrical Box Assembly, ECM5K-HV, 115V
293049291	\$390.00	Electrical Box Assembly, ECM6.5K-HV, 115V
293049292	\$395.00	Electrical Box Assembly, ECM9K-HV, 115V
293049293	\$395.00	Electrical Box Assembly, ECM11K-HV, 115V
293049294	\$400.00	Electrical Box Assembly, ECM15K-HV, 115V

Reversing Valve Assemblies

Only used for ECD (EnviroComfort) Units

239100078	\$165.00	Reversing Valve Assembly, ECD5 - 6.5K-HV, 115V
239100079	\$165.00	Reversing Valve Assembly, ECD9-15K-HV, 115V

Evaporator Assemblies

239401019	\$235.00	Evaporator Assembly, ECD/ECM 5K-HV, 115V
239401020	\$235.00	Evaporator Assembly, ECD/ECM 6.5K-HV, 115V
239401021	\$265.00	Evaporator Assembly, ECD/ECM 9K-HV, 115V
239401022	\$275.00	Evaporator Assembly, ECD/ECM 11K-HV, 115V
239401023	\$350.00	Evaporator Assembly, ECD/ECM 15K-HV, 115V

Compressor Assemblies

239402020	\$450.00	Compressor Assembly, ECD/ECM 5K-HV, 115V
239402022	\$460.00	Compressor Assembly, ECD/ECM 6.5K-HV, 115V
239402040	\$465.00	Compressor Assembly, ECD/ECM 9K-HV, 115V
239402028	\$470.00	Compressor Assembly, ECD/ECM 11K-HV, 115V
239402034	\$480.00	Compressor Assembly, ECD/ECM 15K-HV, 115V

Drain Pan Assemblies

239300030	\$170.00	Drain Pan Assembly, ECD/ECM 5K-HV, 115V
239300031	\$170.00	Drain Pan Assembly, ECD/ECM 6.5K-HV, 115V
239300032	\$170.00	Drain Pan Assembly, ECD/ECM 9-11K-HV, 115V
239300033	\$170.00	Drain Pan Assembly, ECD/ECM 15K-HV, 115V

Condenser Coil Assemblies

332685	\$215.00	Condenser Coil Assembly, ECD/ECM 5K-HV, 115V
334555	\$235.00	Condenser Coil Assembly, ECD/ECM 6.5K-HV, 115V
335465	\$305.00	Condenser Coil Assembly, ECD/ECM 9-11K-HV, 115V
335494	\$310.00	Condenser Coil Assembly, ECD/ECM 15K-HV, 115V

Replacement Parts for StowAway S-F & Zephyr ZF Units

Blower Assemblies

StowAway SXF & SHF Replacement Insulated Blowers, High Velocity

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
293042209	\$520.00	Blower Assy SF5, 115V
293042067	\$925.00	Blower Assy w/8" mount ring SF24C, 230V (w/capacitor)
240110095	\$535.00	High Velocity Blower w/Capacitor for SF5-HV, 115V
293042076	\$550.00	High Velocity Blower w/Capacitor for SF7-HV, 115V
239400014	\$550.00	High Velocity Blower w/Capacitor for SF7C-HV, 230V
293042080	\$600.00	High Velocity Blower w/Capacitor for SF10-HV, 115V
293042081	\$600.00	High Velocity Blower w/Capacitor for SF10C-HV, 230V
293042080	\$600.00	High Velocity Blower w/Capacitor for SF12-HV, 115V
293042081	\$600.00	High Velocity Blower w/Capacitor for SF12C-HV, 230V
293042031	\$700.00	High Velocity Blower w/Capacitor for SF16-HV, 115V
293042049	\$700.00	High Velocity Blower w/Capacitor for SF16C-HV, 230V

Zephyr ZF Replacement Blowers

293600305	\$300.00	Blower ZF5, 115V High Velocity with mount plate
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Compressor Parts

Replacement Compressors for StowAway SXF & SHF

293045048	\$500.00	220V for SF5CK
293045140	\$585.00	220V for SF7CK
293045057	\$475.00	115V for SF7
293045048	\$500.00	230V for SF7C
293045613	\$565.00	115V for SF10 (built thru Feb. '03)
293045623	\$540.00	115V for SF10-1 (built from Mar. '03)
293045614	\$575.00	230V for SF10C (built thru Feb. '03)
239402008	\$535.00	230V for SF10C-1 (built from Mar. '03)
293045051	\$585.00	115V for SF12 (built thru Feb. '03)
293045179	\$550.00	115V for SF12-1 (built from Mar. '03)
293045052	\$605.00	230V for SF12C (built thru Feb. '03)
293045055	\$600.00	220V for SF12CK (built thru Feb. '03)
239402000	\$460.00	115V for SF5/2
239402002	\$475.00	115V for SF7/2
239402004	\$480.00	230V for SF7C/2
239402005	\$545.00	115V for SF10/2
239402008	\$535.00	230V for SF10C/2
239402019	\$550.00	115V for SF12/2
239402011	\$550.00	230V for SF12C/2
239402012	\$555.00	115V for SF16/2
239402014	\$570.00	230V for SF16C/2
239402016	\$720.00	220V for SF18CK/2
239402017	\$710.00	230V for SF18C/2
293045053	\$600.00	115V for SF16
293045054	\$625.00	230V for SF16C
293045112	\$675.00	220V for SF16CK
331475	\$16.00	RUN CAP, 35MFD/370V
334800	\$21.00	PLUG WIRING SCROLL 130 1PH 3'

Notes:

1. Add run capacitor and molded plug harness for units manufactured through May 1998.
2. Add molded plug harness for units manufactured between June 1998 and December 2000.
3. For units manufactured after December 2000, only painted compressor is required.

Zephyr ZF Replacement Compressors

332495	\$420.00	220V Comp Zephyr ZF 5CK
333126	\$435.00	115V Comp Zephyr ZF 10 (units built thru Feb. '03)
335495	\$485.00	115V Comp Zephyr ZF 10-1 (units built from Mar. '03)
333127	\$505.00	230V Comp Zephyr ZF 10C (units built thru Feb. '03)
335496	\$490.00	230V Comp Zephyr ZF 10C-1 (units built from Mar. '03)
331258	\$480.00	115V Comp Zephyr ZF 12 (units built thru Feb. '03)
335492	\$495.00	115V Comp Zephyr ZF 12-1 (units built from Mar. '03)
3014112	\$510.00	230V Comp Zephyr ZF 12C (units built thru Feb. '03)
335491	\$490.00	230V Comp Zephyr ZF 12C-1 (units built from Mar. '03)
331261	\$495.00	115V Comp Zephyr ZF 16
331815	\$545.00	230V Comp Zephyr ZF 16C

Revised: 11-25-09

Thermal Disk Overloads for StowAway SXF & SHF

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
332849	\$25.00	115V Overload SF7
332850	\$25.00	230V Overload SF7C
332852	\$25.00	115V Overload SF10 (built thru Feb. '03)
335571	\$25.00	115V Overload SF10-1 (built from Mar. '03)
335573	\$25.00	220V Overload SF10CK-1 (built from Mar. '03)
332855	\$25.00	115V Overload SF12 (built thru Feb. '03)
335574	\$25.00	115V Overload SF12-1 (built from Mar. '03)
332856	\$25.00	230V Overload SF12C (built thru Feb. '03)
335573	\$28.00	230V Overload SF12C-1 (built from Mar. '03)
335575	\$25.00	220V Overload SF12CK-1 (built from Mar. '03)
332858	\$25.00	115V Overload SF16
332859	\$25.00	230V Overload SF16C
332860	\$25.00	220V Overload SF16CK

Electronic Parts & Circuit Boards

Capacitors

333350	\$9.80	Capacitor Run 15 mfd / 370 Volt
338455	\$11.30	Capacitor Run 20 mfd / 370 Volt
333360	\$16.00	Capacitor Run 25 mfd / 370 Volt
332126	\$16.00	Capacitor Run 30 mfd / 370 Volt
331475	\$16.00	Capacitor Run 35 mfd / 370 Volt
330855	\$17.20	Capacitor Run 40 mfd / 370 Volt
335055	\$10.00	Start Assist Kit
334867	\$35.00	Hard Start Kit
330412	\$15.50	Capacitor Start 21-25 mfd / 370 Volt
362110	\$30.00	Capacitor Start 88-108 mfd / 370 Volt

Relays

331269	\$46.00	Universal Relay Potential MT
362118	\$40.00	Relay Potential GE820ARR3A46
331269	\$46.00	Relay Potential JPR 65

Screw on Pressure Control Tee Assemblies

297000012	\$109.00	Tee Assembly High Pressure, high amperage
297000013	\$125.00	Tee Assembly Low Pressure, high amperage

Notes:

1. Does not require cutting into refrigeration circuit.
2. Includes port for continued easy serviceability.

Screw on Pressure Control Tee Assemblies to Wire to Circuit Board.

297000014	\$108.00	Tee Assembly High Pressure, low amperage
297000015	\$128.00	Tee Assembly Low Pressure, low amperage

Notes:

1. Does not require cutting into refrigeration circuit.
2. Includes port for continued easy serviceability.

Refrigerant Circuit Parts

Solenoid Coils

291046503	\$35.00	Solenoid for RVS Valve with male spade, 230V
334045	\$18.40	Solenoid for 115V SF7 only, beginning Dec 2004 (sn: 449xxxxx)
334029	\$19.20	Solenoid for 230V SF7C only, beginning Dec 2004 (sn: 449xxxxx)

Reversing Valves

StowAway SXF & SHF Reversing Valve Assembly (including copper tubing out of valve)		
239100081	\$194.00	Rev Vlv Assy Stowaway SXF & SHF 7 (after 3/03)
239100080	\$194.00	Rev Vlv Assy Stowaway SXF & SHF 12-16 (after 3/03)

Note: All Reversing Valve orders must also include the model & serial number of the unit.

Condenser Coils and Assemblies

293044033	\$280.00	Condenser Coil Assy w/90 degree elbows SF7K
293044034	\$295.00	Condenser Coil Assy w/90 degree elbows SF10K (Prior to 3/03)
293044035	\$345.00	Condenser Coil Assy w/90 degree elbows SF12K (Prior to 3/03)
293044036	\$345.00	Condenser Coil Assy w/90 degree elbows SF16K (Prior to 3/03)

Evaporator Coils for StowAway SXF & SHF

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
332062	\$200.00	Evaporator Coil SF5, 5-1, 5-2
333278	\$210.00	Evaporator Coil SF7
333279	\$300.00	Evaporator Coil SF10 (Units built prior to March 2003)
335510	\$300.00	Evaporator Coil SF10-1 (Units built from March 2003)
335476	\$320.00	Evaporator Coil SF12-1 (Units built from March 2003)
333281	\$350.00	Evaporator Coil SF12 / SF16 / SF16HV (Built prior to March 2003)
335509	\$360.00	Evaporator Coil SF16-1 / SF16-1HV (Units build from March 2003)
331890	\$445.00	Evaporator Coil SF24

Evaporator Coils with Cap Tube and Strainer Assembly Installed for StowAway SXF & SHF

293044121	\$220.00	Evap Coil Assy SF7 with filter strainer & cap tube
293044123	\$375.00	Evap Coil Assy SF12 with filter strainer & cap tube (3/03 & earlier)
293044124	\$380.00	Evap Coil Assy SF16 with filter strainer & cap tube (3/03 & earlier)
293044254	\$360.00	Evap Coil Assy SF16-1 with filter strainer & cap tube (3/03 & later)

Strainer Assemblies with Cap Tubes for StowAway SXF & SHF

335466	\$18.20	Strainer with cap tube SF5K
332343	\$19.20	Strainer with cap tube SF7K
332342	\$21.00	Strainer with cap tube SF10K
332341	\$21.00	Strainer with cap tube SF12K
332340	\$25.00	Strainer with cap tube SF16K
291044002	\$45.00	Strainer with cap tube SF24K

Cabin Control Parts

"Q" Power/Logic Board

701800003	\$215.00	Replacement "Q" Power Logic Board
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SMXII Power/Logic Boards - Models and Serial Numbers Where Used

A-281C	\$325.00	Replacement SMXII Power Logic Board "C"
A-281T	\$325.00	Replacement SMXII Power Logic Board "T"
A-288C	\$300.00	Replacement SMX-HV Power Logic Board "C"
A-288T	\$300.00	Replacement SMX-HV Power Logic Board "T"
722300288	\$300.00	A-288D, Dual-Purpose Replacement SMXII-HV Power Logic Board

SMXII Power/Logic Boxes - Models and Serial Numbers Where Used

PLPX-HV	\$510.00	Replacement SMX-HV Power Logic Box
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Note: PLPX-HV will replace all PLP, PLPC, and PLPX boxes.

SMX Net Power/Logic Boards - Models Where Used

A-282NC	\$450.00	Replacement SMX Network Power Logic Board
NPLPX	\$715.00	Replacement SMX Network Power Logic Box, 115/230V

Triacs and Power Relays

A-548	\$35.00	Replacement TO-3 Triac (flat style) (for units built until September 2009)
4120050	\$30.00	Q-Logic Replacement Compressor Relay Board (for units built starting October 2009)
263400645	\$90.00	Retrofit Kit, Relay Board (#4120050) Q/SMX with hardware
A-551	\$42.00	Stud Triac (Pre-1993) Retro Kit (includes TO-3 triac)
A-552	\$67.00	Relay P.C. Board PR3X, PR8X, PWX
4134000	\$175.00	Relay Solid State 25 AMP 48-280VAC
4134100	\$100.00	Relay Solid State 40 AMP 48-280VAC
4134200	\$129.00	Relay Solid State 75 AMP 48-280VAC
A-816	\$160.00	Retrofit Solid State Relay FX20-48
A-817	\$620.00	Retrofit Solid State Relay FS20-48, Remote
A-835	\$169.00	Relay PWX to 75 Amp Solid State Relay
A-556	\$31.00	Replacement MOV, Surge Suppressor
TR115	\$37.00	Relay Trigger 115V for PR3X 8X & PWX
TR230	\$37.00	Relay Trigger 230V for PR3X 8X & PWX

Contactors for 3 Phase Compressors only

4130830	\$200.00	CONTACTOR 120V 3 POLE 30A, use on all D & E models with 115 volt control
4130630	\$200.00	CONTACTOR 240V 3 POLE 30A, use on all DC & EC models with 230 volt control

Time Delays

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
TD230	\$131.00	Time Delay for PMX & PWXP-230V
TDL115	\$230.00	Time Delay-Line Load-Remote Units-115V
TDL230	\$230.00	Time Delay-Line Load-Remote Units-230V

Rotary Switch Parts

4020800	\$36.00	Mode Switch, Rotary, 3-Position, SA1/SA3/SSA3/DSA
4023600	\$26.00	Switch Rotary 2-POS SPDT 2-Speed Fan
A-4215	\$85.00	115 V. Rotary SCR Variable Fan Speed Control
A-4216	\$85.00	230 V. Rotary SCR Variable Fan Speed Control
4060603	\$82.00	Thermostat, Heat & Cool, SA3/SSA3/DSA
4060703	\$75.00	Thermostat, Cool Only, SA1/DSA
5090900	\$9.70	Knob, Black with new mylar
019608	\$27.00	Terminal Strip Cover, 8 Lug, Plastic
019700	\$17.80	Switch Assembly Cover, Plastic
SA3-RETRO	\$102.00	Mylar Overlay W/ Knobs for SA3

Fuses

4121592	\$5.10	Fuse 2AG 1/4 Amp Slow Blow SMX Net Board
4121598	\$11.10	Fuse 3AG .8 AMP SMX PC Board
4122810	\$6.20	Fuse MDA Ceramic 10A PR3X, PR8X
334397	\$13.80	Fuse 1/4AMP 250V (automotive type), A-281C SMX II Board with Heat Sink Plate
4122891	\$8.50	Fuse 50mA 5X20mm Delay 250V, A-281C SMX II Board without Heat Sink Plate

Pump Parts

PDS Parts (Includes housing, impeller, O-ring)

1029302	\$41.00	Repair Kit for PDS250 (notches on impeller go towards motor)
1029401	\$55.00	Repair Kit for PDS500
1029601	\$60.00	Repair Kit for PDS900

PML250 & PMP250 Parts

050401	\$17.30	Headcover (Inlet) PM/PMP/PML250 Pump
050701	\$10.50	O-Ring Headcover PM/PMP/PML250 Pump
051201	\$14.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
051701	\$55.00	Impeller Assembly PMP & PML250 Pump
052001	\$51.00	Housing (Outlet) PM/PMP/PML250 Pump
052501	\$30.00	Spindle Ceramic PM/PMP/PML250 Pump
053401	\$8.80	Gasket Motor Bracket PM/PMP/PML250 Pump
054500	\$2.20	Seal Cooling Tube 250/500 Pumps
A-507P	\$185.00	Pump Head Assy. PM/PMP/PML250
1030000	\$28.00	Plastic Mount Base for PM/PMP/PML250 & PML500

PML, PMP & PMA 500 Parts

050501	\$28.00	Headcover (Inlet) PMA/PM/PMP/PML500 Pump
051201	\$14.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
052101	\$62.00	Housing (Outlet) PM/PMP/PML500 Pump
052102	\$25.00	Housing (Outlet) PMA500 #130-018-10
050800	\$8.80	O-Ring PM/PMP/PML/PMA500 Head Cover
052401	\$7.00	O-Ring PM/PMP/PML500 Housing
052701	\$34.00	Spindle Shaft PMP500, PML500, PMA500 & PMA1000
051800	\$105.00	Impeller Assembly PM500 Pump
051801	\$65.00	Impeller Assembly PMP/PML500 Pump
054500	\$2.20	Seal Cooling Tube 250/500 Pumps
A-508P	\$199.00	Pump Head Assy. PM/PMP/PML500
A-532	\$51.00	Pump Isolation Mount Kit for PMA500 & PMA1000
1030000	\$28.00	Plastic Mount Base for PM/PMP/PML250 & PML500
725000000	\$153.00	Pump Head Assembly for PMA500

PMA1000 Parts

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
050601	\$32.00	Headcover PMA1000 Pump
050900	\$8.80	O-Ring Headcover PMA1000 Pump
051201	\$14.00	Washer Thrust PMP250 & 500, PML250 & 500, PMA500 & 1000
051901	\$75.00	Impeller Magnet Assy PMA1000 Pump
052201	\$44.00	Housing PMA1000 Pump
052701	\$34.00	Spindle Shaft PMP500, PML500, PMA500 & PMA1000
A-506	\$182.00	PMA1000 Head Assy
A-532	\$51.00	Pump Isolation Mount Kit for PMA500 & PMA1000

P1200BX-SP (Self Priming)

1032300	\$1,085.00	Pump Head Assembly P1200 Pumps
1032310	\$230.00	Old Style Kit Pump Repair P1200B w/ Seals, Gasket & Impeller
4032400	\$470.00	Motor 1/2HP 115/230V 50/60 HZ
725112000	\$205.00	P1200BX Seal Kit (beginning with serial # 449xxxxx, dated 12/5/04)

P1500BX

055000	\$7.60	Gasket Head P1500 Pump
055100	\$245.00	Impeller P1500 Pump
1031000	\$565.00	Pump Head Assembly P1500 Pumps
4032400	\$470.00	Motor 1/2HP 115/230V 50/60 HZ
A-505	\$75.00	P1500BX/BXL Seal Kit - old Gasket with Seals
A-533	\$90.00	Pump Isolation Mount Kit for P1500 & P3000
725115000	\$100.00	P1500BX Seal Kit (beginning with serial # 515xxxxx, dated 4/15/05)

P3000BX

1031101	\$660.00	Housing W/HDW P3000/PH3000 Pumps
1031102	\$128.00	Impeller Kit 3" P3000 Pump
1031103	\$128.00	Impeller Kit 3-1/2" PH3000 Pump
056000	\$4.80	Gasket Head P3000 Pump
4032400	\$470.00	Motor 1/2HP 115/230V 50/60 HZ
A-503	\$75.00	P3000BX & BXL Seal Kit - Old Style Gasket & Seals
A-533	\$90.00	Pump Isolation Mount Kit for P1500 & P3000
725130000	\$100.00	P3000BX & BXL Seal Kit (beginning with serial # 449xxxxx, dated 12/5/04)

PLC3000BX

1034701	\$290.00	Impeller Kit 3-1/2"
1034703	\$100.00	Seal Kit

Other Pumps

1034602	\$70.00	Seal/Gasket Kit #67-68 (PS1500BX- PS2200BX)
A-591	\$118.00	Seal/Gasket Kit #72-78 (PS1500B3X - PH3000B3X, P3600BX - PH4000B3X)
1038906	\$225.00	Impeller, 4" (PH4000B3X)
333997	\$184.00	Impeller, 3" (PSE1800BX)

Pump Relay Parts

A-548	\$35.00	Replacement To-3 Triac
A-551	\$42.00	Stud Triac Repl. Assy.
A-552	\$67.00	Relay P.C. Board PR3X, PR8X, PWX
TR115	\$37.00	Relay Trigger 115V-for PR3X 8X & PWX
TR230	\$37.00	Relay Trigger 230V- for PR3X 8X & PWX
4130830	\$230.00	CONTACTOR 120V 3 POLE 30A for PR4E
4171900	\$220.00	TRANSFORMER PRI 230/460 SEC 115 25VA for PR4E

Carry-On Units and Parts Pricing *

IMPORTANT NOTICE:

The Carry-On portable air conditioner is designed to cool a space of approximately 90 square feet (Carry-On 5000) to 120 square feet (Carry-On 7000) of "below decks" area. If a customer's boat requires more cooling capacity, then a self-contained direct expansion system should be considered.

Please call the Carry-On customer service department at 888-452-0349 if you have any questions about cooling capacity.

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
PL-0018	\$55.00	AIR DEFLECTOR
4013	\$6.00	BATTENS 23" X 1/4" LDPE ROD
4014	\$6.00	BATTENS 25.5" X 1/4" LDPE ROD
9510	\$335.00	BODY ASSEMBLY (PL-0001)
8009	\$32.00	BOX SHIPPING DOUBLE WALL
5011	\$41.00	BULKHEAD
1031	\$3.20	CABLE GROUND 10"(EL-0031)
5020	\$3.20	CAM BLOCK
5005	\$32.00	CAM W/PIN
4040115	\$12.60	CAPACITOR RUN 15 MFD 370V for CO-7020
4040125	\$11.60	CAPACITOR RUN 25MFD 370V (OLD PAN COMP) for CO-5020(-417)
4040135	\$18.00	CAPACITOR RUN 35MFD 370V (NEW PAN COMP) for CO-5000 or 7000
4040110	\$9.70	CAPACITOR RUN, FAN 10 MFD 370V for CO-7000/7020
3014007	\$360.00	COMPRESSOR ROTARY 115V for CO-7000
3014207	\$440.00	COMPRESSOR ROTARY 240V 50HZ (PAN) for CO-7020
7011	\$117.00	CONDENSER ASSEMBLY
9502	\$110.00	ELEC PANEL ASSEMBLY 115V
9501	\$138.00	ELEC PANEL ASSEMBLY 220V
7010B	\$143.00	EVAP ASSY 11.875x8 13FPI 3ROW for CO-7000/7020
4019	\$23.00	FAN BLADE ASSY - COND. ALUM HUB
4018	\$13.40	FAN BLADE ASSY - EVAPORATOR (RESIL)
1027B	\$150.00	FAN MOTOR 115VAC 1725RPM for CO-7000
1050B	\$165.00	FAN MOTOR 220VAC 50HZ 1725RPM for CO-7020
4001	\$2.50	FILTER
5017	\$4.30	FOOT
3024	\$3.10	GASKET IN/OUT 1/16" CGR #1741/PSA
5015	\$45.00	HANDLE
4012	\$175.00	HATCH BAG, WHITE
MI-0012	\$250.00	HATCH BAG, WHITE, WITH BATTENS
9512	\$110.00	INLET/OUTLET ASSEMBLY (PL-0004)
5024	\$5.00	KNOB BLK PLASTIC W/WHITE POINTER
9511	\$53.00	LEG ASSEMBLY (PL-0002)
4010	\$7.50	LEVEL ACRYLIC RND
5012	\$105.00	PAN (DRAIN NIPPLE IS ON PART 9512)
1025	\$60.00	PLUG 125V 15A MALE (on unit)
1054	\$30.00	PLUG 220V FEMALE (attach to cord)
1053	\$35.00	PLUG 220V MALE (on unit)
5023	\$16.00	SHROUD CONDENSER
MI-0026	\$90.00	STORAGE COVER, BLUE
MI-0025	\$90.00	STORAGE COVER, WHITE
1014	\$33.00	SWITCH 2-SPD SHORT
1013	\$35.00	THERMOSTAT AIR TEMP (RANCO)

Turbo Warranty Replacement Assemblies

Turbo unit BTU's and voltage	STQ Electrical Box Assembly	Evaporator Assembly w/Strainer	Condenser Coil Assembly	Compressor Assembly	Reversing Valve Assembly	Blower Assembly	Compressor Overload
6K 115V	293058988	239401009	239401015	239402020	239100071	239400052	4043100
6K 220V 50Hz	293048989	239401009	239401015	239402021	239100072	239400053	4120024
8K 115V	293048990	239401010	239401015	239402022	239100071	239400054	4120008
8K 230V	293048991	239401010	239401015	239402023	239100072	239400055	4120006
8K 220V 50Hz	293048991	239401010	239401015	239402024	239100072	239400055	4120025
10K 115V	293048992	239401011	239401016	239402025	239100073	239400056	4120038
10K 230V	293048993	239401011	239401016	239402026	239100074	239400057	4120039
10K 220V 50Hz	293048994	239401011	239401016	239402027	239100074	239400057	4120028
12K 115V	293048992	239401012	239401016	239402028	239100073	239400056	4120007
12K 230V	293048995	239401012	239401016	239402029	239100074	239400057	4120010
12K 220V 50Hz	293048996	239401012	239401016	239402030	239100074	239400057	335573
14K 115V	293048997	239401013	239401017	239402031	239100075	239400058	4120007
14K 230V	293048998	239401013	239401017	239402032	239100076	239400059	4120040
14K 220V 50Hz	293048999	239401013	239401017	239402033	239100076	239400059	4120040
16K 115V	293049269	239401014	239401017	239402034	239100075	239400058	4120027
16K 230V	293048998	239401014	239401017	239402035	239100076	239400059	4120022
16K 220V 50Hz	293048999	239401014	239401017	239402036	239100076	239400059	332859

Turbo unit BTU's and voltage	Drain Pan Assembly	Dual Run Cap	RV Solenoid	High Pressure Switch
6K 115V	239300022	4040028	4071503	4024300
6K 220V 50Hz	239300022	4040034	4071603	4024300
8K 115V	239300022	4040031	4071503	4024300
8K 230V	239300022	4040040	4071603	4024300
8K 220V 50Hz	239300022	4040040	4071603	4024300
10K 115V	239300023	4040029	4071503	4024300
10K 230V	239300023	4040033	4071603	4024300
10K 220V 50Hz	239300023	4040035	4071603	4024300
12K 115V	239300023	4040029	4071503	4024300
12K 230V	239300023	4040037	4071603	4024300
12K 220V 50Hz	239300023	4040041	4071603	4024300
14K 115V	239300024	4040032	4071503	4024300
14K 230V	239300024	4040038	4071603	4024300
14K 220V 50Hz	239300024	4040036	4071603	4024300
16K 115V	239300024	4040039	4071503	4024300
16K 230V	239300024	4040038	4071603	4024300
16K 220V 50Hz	239300024	4040036	4071603	4024300

Note: Pan Isolator available for all Turbo models. P/N 7236000

Panasonic Compressor Changeover

All Cruisair Self-Contained Models

BTU CAP.	VOLTAGE	P/N	P/N	Run Cap	PTCR	Overload	Part #
x 1000	volt/Hz/ph	Cruisair	Cruisair	Uf/volt	Start Assist	Vendor #	Cruisair
5	115/60/1	334037	4040135	35/370	n/a	MRA99087	4043100
5C	230/60/1		Not Available				
5CK	240/50/1	3013505	4040120	20/370	n/a	MRA99017-325	4120024
7	115/60/1	3013307	4040135	35/370	n/a	MRA98866-325	4120008
7C	230/60/1	3013407	4040115	15/440	n/a	MRA98856	4120009
7CK	240/50/1	3013507	4040115	15/440	n/a	MRA99137	4120025
10	115/60/1	3013310	4040140	40/440	4127300	MRA98694-117	4120006
10C	230/60/1	3013410	4040130	30/370	4127300	MRA99027	4120010
10CK	240/50/1	3013510	4040130	30/370	4127300	MRA99200-325	4120028
12	115/60/1	3013312	4040140	40/440	4127300	MRA98695-117	4120007
12C	230/60/1	3013412	4040130	30/370	4127300	MRA99027	4120010
12CK	240/50/1		Not Available				
16	115/60/1	3013317	4040130	30/370	4127300	MRB5812-807	4120027
16C	230/60/1	3013416	4040130	30/370	4127300	MRA98768	4120022
16CK	240/50/1		Not Available				
18	115/60/1	3104616.051	4040160	60/370	4127300	internal	N/A
18C	230/60/1	3013418	4040135	35/370	4127300	MRA99575-325	4120005
18CK	240/50/1	3013518	4040150	50/370	4127300	MRA98704-325	4120023

BTU CAP.	VOLTAGE	Compressor Replacement Assembly	
x 1000	volt/Hz/ph	Panasonic w/hardware and electrical	
5	115/60/1		not active
5C	230/60/1		N/A
5CK	240/50/1		not active
7	115/60/1		701807100
7C	230/60/1		701807200
7CK	240/50/1		701807300
10	115/60/1		701810100 *
10C	230/60/1		701810201 *
10CK	240/50/1		701810300 *
12	115/60/1		701812100 *
12C	230/60/1		701812200 *
12CK	240/50/1		N/A
16	115/60/1		701816100 *
16C	230/60/1		701816200
16CK	240/50/1		N/A
18	115/60/1		not active
18C	230/60/1		not active
18CK	240/50/1		not active

All Compressor Replacements include: grommets, sleeves, nuts & washers, filter drier, instruction sheets compressor, run cap and PTCR where applicable.

* = compressor may not fit into units prior to 1/01/2006.

Please contact Cruisair Applications or Service departments before ordering.

StowAway V Replacement Parts - Recip. Compressors

Model	Capacity (Btu/hr)	Capacitors		Start Relay	Rev. Valve	Rev.Valve Solenoid	Repl. Condenser	Repl. Compressor	Comp. Overload
		Run	Start						
115V									
SH,SX7	7,000	4040115	4040521	4130150	A-509B	4071501	R3600-S7	R3101-7S	48800
SH,SX10	10,000	4040125	4040521	4128325	A-511B	4071502	R3600-S10	R3101-10S	48900
SH,SX12	12,000	4040125	4040543	4130150	A-511B	4071502	R3600-S12	R3101-12S	49000
SH,SX16	16,000	4040135	4040543	4130150	A-511B	4071502	R3600-S16	R3101-16S	4123700
230V									
SH,SX7C	7,000	4040115	4040521	4128425	A-509B	4071601	R3600-S7	R3102-7S	48400
SH,SX10C	10,000	4040115	4040521	4130150	A-511B	4071602	R3600-S10	R3102-10S	49200
SH,SX12C	12,000	4040115	4040543	4130150	A-511B	4071602	R3600-S12	R3102-12S	49300
SH,SX16C	16,000	4040120	4040543	4130150	A-511B	4071602	R3600-S16	R3102-16S	49400
SH,SX24C	24,000	4040130	4040288	4130150	A-510B	4071602	R3600-S24	R3102-24P1	Internal
SH,SX24C3*	24,000	4040125	4040206	4130200	A-510B	4071602	R3600-S24	R3182-24P3*	Internal
220-240V 50Hz									
SH,SX7CK	7,000	4040115	4040521	4130150	A-509B	4071601	R3600-S7	R3103-7S	46500
SH,SX10CK	10,000	4040115	4040521	4130150	A-511B	4071602	R3600-S10	R3103-10S	46600
SH,SX12CK	12,000	4040115	4040543	4130150	A-511B	4071602	R3600-S12	R3103-12S	46700
SH,SX16CK	16,000	4040125	4040543	4130200	A-511B	4071602	R3600-S16	R3103-16S	N/A
SH,SX24CK	24,000	4040135	4040288	4130200	A-510B	4071602	R3600-S24	R3103-24P1	Internal
SH,SX24CK3*	24,000	4040235	4040206	4130200	A-510B	4071602	R3600-S24	R3183-24P3*	Internal

Note: Model numbers ending in "3" use H23 compressors. Replacement compressors ending in "3" include both capacitors and the start relay.

StowAway V Replacement Parts - Rotary Compressors

Model	Capacity (Btu/hr)	Capacitors		Start Relay*	Rev. Valve	Rev.Valve Solenoid	Repl. Condenser	Repl. Compressor	Comp. Overload
		Run	Start*						
115V									
SHR, SXR7	7,000	4040115	4040288	4130150	A-509B	4071501	R3600-S7	R3140-7S	46809
SHR, SXR10	10,000	4040130	4040288	4130150	A-511B	4071502	R3600-S10	R3140-10S	46806
SHR, SXR12	12,000	4040130	4040288	4130150	A-511B	4071502	R3600-S12	R3140-12S	46803
SHR, SXR16	16,000	4040130	4040288	4130150	A-511B	4071502	R3600-S16	R3140-16S	46800
230V									
SHR, SXR7C	7,000	4040140	4040288	4130150	A-509B	4071601	R3600-S7	R3141-7S	46810
SHR, SXR10C	10,000	4040130	4040288	4130150	A-511B	4071602	R3600-S10	R3141-10S	46807
SHR, SXR12C	12,000	4040130	4040288	4127400	A-511B	4071602	R3600-S12	R3141-12S	46804
SHR, SXR16C	16,000	4040130	4040288	4127400	A-511B	4071602	R3600-S16	R3141-16S	46801
220-240V 50Hz									
SHR, SXR7CK	7,000	4040115	-	-	A-509B	4071601	R3600-S7	R3142-7S	44600
SHR, SXR10CK	10,000	4040130	4040288	4127500	A-511B	4071602	R3600-S10	R3142-10S	46808
SHR, SXR12CK	12,000	4040130	4040288	4127500	A-511B	4071602	R3600-S12	R3142-12S	46805
SHR, SXR16CK	16,000	4040130	4040288	4127500	A-511B	4071602	R3600-S16	R3142-16S	46801

Note: Newer SXR SMXII rotary units use a PTCR start assist (# 335055) instead of a start capacitor and start relay, except for 7k models which have no start assist device. The customer will need to know whether or not their unit has either the Start Cap & Relay or the PTCR.

Notes:

1. High pressure switch for SH and SHR units: A-200 (line duty)
2. High pressure switch for SX and SXR units: A-205
3. Low pressure switch for SX and SXR units: A-201

Reversing Valves & Solenoid Coils: See "Replacement Reversing Valves" section of this book and Field Notice #FNR233-I4 before ordering RV's or Coils. When ordering a new RV for an old unit, you must also order a new coil and vice versa.

"R" Type Remote Condensing Unit Replacement Parts

Model	Repl Comp	Compressor		Run Capacitor		Start Capacitor		Comp. Overload
		Model	Serial	p/n	mfd/volts	p/n	mfd/volts	
R5	R3101-5T	AEA5455EXA	AE220AT-401-A4	4040115	15/400V	4040521	21-25/330V	49600
R7	R3101-7T	AEA5465EXA	AE231CT-401-A4	4040115	15/400V	4040521	21-25/330V	48800
R10	R3101-10T	AKA5510EXA	AK100AT-004-A4	4040125	25/370V	4040521	21-25/330V	48900
R12	R3101-12T	AKA5511EXA	AK110AT-004-A4	4040125	25/370V	4040543	43-53/330V	49000
R16	R3101-16T	AKA8515EXA	AK147AT-009-A4	4040135	35/370V	4040543	43-53/330V	4123700
R7C	R3102-7T	AEA5465EXD	AE231FT-401-A4	4040115	15/400V	4040521	21-25/330V	48400
R10C	R3102-10T	AKA5510EXD	AK100ET-004-A4	4040115	15/400V	4040521	21-25/330V	49200
R12C	R3102-12T	AKA5512EXD	AK111ET-004-A4	4040115	15/400V	4040543	43-53/330V	49300
R16C	R3102-16T	AKA8515EXCD	AK147ET-009-A4	4040120	20/370V	4040543	43-53/330V	49400
R7CK	R3103-7T	AKA8494EXC	AK145JT-009-A4	4040115	15/400V	4040521	21-25/330V	46500
R10CK	R3103-10T	AKA8513EXC	AK144JT-009-A4	4040115	15/400V	4040521	21-25/330V	46600
R12CK	R3103-12T	AKA8515EXCD	AK147JT-009-A4	4040115	15/400V	4040543	43-53/330V	46700
R16CK	R3103-16T	RR14K1-PFJ-225		4040125	25/370V	4040543	43-53/330V	N/A

Start Relays: All R5-16 models (115V & 230V) use start relay # 4130150, EXCEPT R16CK (240V/50) which uses #4130250.

Model	Repl Rev Valve	Solenoid Coils	
		115V	230V
R5	A-509B	4071501	4071601
R7			
R10	A-509C	4071502	4071602
R12			
R16	A-509C	4071502	4071602

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
R20C	701820200	H29B17UABCA	4040130	30/370V	4040193	161-193/250V	4136050	3ARR3T3V3
R24C	701824200	H29B20UABCA	4040130	30/370V	4040075	145-175/250V	4136150	3ARR3T3U3
R30C	701830200	H29B24UABCA	4040135	35/370V	4040075	145-175/250V	4136250	3ARR3T3T3
R36C	701836200	H29B30UABCA	4040140	40/370V	4040075	145-175/250V	4130150	3ARR3T3P3
R48C	701848200	ZR42K3-PFV	4040155	55/370V	4040206	88-108/330V	4130150	3ARR3CT3P5
R20CK	701820300	H29B20UABH	4040135	35/370V	4040075	145-175/250V	4130250	3ARR3T10S3
R24CK	tdb	H29B22UABH	4040135	35/370V	4040075	145-175/250V	4136350	3ARR3T10U3
R30CK	701830301	H29B28UABH	4040140	40/370V	4040075	145-175/250V	4130450	3ARR3W3L3
R36CK	701836301	H29B33UABK	4040140	40/370V	4040075	145-175/250V	4130250	3ARR3T10S3
R48CK	701848300	ZR48K3-PFJ	4040160	60/370V	4040324	270-324/330V	4130850	3ARR3CT4D3
R24D(C)	701824500	H23B203DBDA						
R30D(C)	701830500	H29B24UDBLA						
R36D(C)	701836500	H29B30UDBL						
R48D(C)	701848500	ZR42K3-TF5						
R24E(C)	701824700	H23B203DBE						
R30E(C)	701830700	H29B2UDBE						
R36E(C)	701836700	H29B28UDBVA						
R48E(C)	701848700	ZR42K3-TFD						
R20ECK	701820800	H23B203DBE						
R24ECK	701824800	H29B22UDBV						
R30ECK	701830800	H29B28UDBVA						
R36ECK	701836800	H29B33UDBE						
R48ECK	701848800	ZR42K3-TFD						

Contactors for 3 Phase Compressors only

115V Coil	4130830	All D & E models with 115V control
230V coil	4130630	All DC & EC models with 230V control

Replacement Rev. Valve Assemblies

R20/24	701820240
R30/36	701830360
R48	701848000

Replacement Condensers Assemblies

20K	701820000
24K	701824000
R30	701824301
R36	701830361
R48	701842481

Condenser Seawater Manifolds

R30	720243000	water in
R30	720243001	water out
R36	720303600	in/out (order qty 2)
R48	720424800	in/out (order qty 2)

"RM" Type Remote Modulating Condensing Unit Replacement Parts

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
RM24C	3015026	ZR26K3-PFV-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM30C	3015030	ZR30K3-PFV-130	4040135	35/440	4040206	88-106 330V	4130150	3ARR3CT3P5
RM42C	3015042	ZR42K3-PFV-130	4040155	55/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM24CK	3015330	ZR30K3-PFJ-130	4040145	45/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM30CK	3015336	ZR36K3-PFJ-130	4040150	50/370	4040206	88-106 330V	4130150	3ARR3CT3P5
RM42CK	3015348	ZR48K3-PFJ-130	4040160	60/370	4040324	270-324/330	335355	3ARR3CT4D5
RM24D(C)	3015126	ZR26K3-TF5-130						
RM30D(C)	3015130	ZR30K3-TF5-130						
RM42D(C)	3015142	ZR42K3-TF5-130						
RM24E(C)	3015226	ZR26K3-TFD-130						
RM30E(C)	3015230	ZR30K3-TFD-130						
RM42E(C)	3015242	ZR42K3-TFD-130						
RM24ECK	3015230	ZR30K3-TFD-130						
RM30ECK	3015236	ZR36K3-TFD-130						
RM42ECK	3015248	ZR48K3-TFD-130						

Contactors for 3 Phase Compressors only

115V Coil	4130830	All D & E models with 115V control
230V coil	4130630	All DC & EC models with 230V control

Condenser Seawater Manifolds

RM24	720243000	water in
RM24	720243001	water out
RM30	720303600	in/out (order qty 2)
RM42	720424800	in/out (order qty 2)

Replacement Condensers Assemblies

RM24	701824301
RM30	701830361
RM42	701842481

Old "FM" Type Modulating Condensing Unit Replacement Parts

Model	Repl Comp	Comp Model	Run Capacitor		Start Capacitor		Start Relay	
			p/n	mfd/volts	p/n	mfd/volts	p/n	model
FM24C	3015018	ZR22K3-PFV-130	4040135	35UF	4040206	88-106 330V	4130150	3ARR3CT3P5
FM42C	3015036	ZR36K3-PFV-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
FM24CK	3015324	ZR24K3-PFJ-130	4040140	40/370	4040206	88-106 330V	4130150	3ARR3CT3P5
FM42CK	3015342	ZR42K3-PFJ-130	4040155	55UF	4040206	88-106 330V	4130150	3ARR3CT3P5
FM24D(C)	3015118	ZR22K3-TF5-130						
FM42D(C)	3015136	ZR36K3-TF5-130						
FM24E(C)	3015218	ZR22K3-TFD-230						
FM42E(C)	3015236	ZR36K3-TFD-130						
FM24ECK	3015224	ZR24K3-TFD-130						
FM42ECK	3015248	ZR49K3-TFD-250						

Old "F" Type Remote Condensing Unit Replacement Parts

Notes:

- All F5-F16CK models (includes WFAH, FX, FN, J models) use the same replacement compressors, start components and reversing valves as the "R" type units in the chart on previous page.
- F20C-48ECK (1ph and 3ph) models have used various compressors throughout the years. For replacement start components, check the existing parts before ordering.

Model	Repl Rev Valve	Solenoid Coils		Cond. Coil
		115V	230V	
F5 F7	A-509B	4071501	4071601	R3600-F5 R3600-F7
F10 F12	A-509C	4071502	4071602	R3600-F10 R3600-F12
F16	A-509C	4071502	4071602	R3600-F16
F20 F24	A-511B	-	4071602	R3600-F20 R3600-F24
F30 F36	A-512B	-	4071602	R3600-F30 R3600-F36
F16	A-510B	-	4071602	R3600-F48

Notes:

- High pressure switch for WFAH and J units: A-200
- High pressure switch for F, FX, JX, and FN units: A-205
- Low pressure switch for F, FX, JX, and FN units: A-201
- On older models with soldered cap tube pressure switches, use assembly A-516 with a switch above.

Reversing Valve Note: Before ordering a Reversing Valve or coil, see the "Replacement Reversing Valves" section of this book, and

Field Notice #FNR233-14. For older units you must order a new solenoid coil with the new reversing valve.

RE/REU Remote Evap DX Air Handlers - Replacement Parts

RE/REU Capacity	Voltage	Repl. Coil Assy	Air Filter	Replacement Blower Assemblies		REU Capacitor	Hose Adapter
				RE Units	REU Units		
4,000	115V 230V	715210401	715210502	715210505 715210506	715210503 715210504	2052703 2052801	HA-4
5,000	115V 230V	715210501	715210502	715210503 715210504	715210503 715210504	2052703 2052801	HA-4
7,000	115V 230V	715210701	715210802	RBFA-6 RBFA-6C	RBFA-6 RBFA-6C	2052701 2052501	335884
8,000	115V 230V	715210801	715210802	RBFA-6 RBFA-6C	RBFA-6 RBFA-6C	2052701 2052501	335884
10,000	115V 230V	715211001	715211202	RBFA-9 RBFA-9C	RBFA-9 RBFA-9C	2052901 2053001	335883
12,000	115V 230V	715211201	715211202	RBFA-12 RBFA-12C	RBFA-12 RBFA-12C	2052701 2052501	335883
16,000	115V 230V	715211601	715211602	RBFA-18 RBFA-18C	RBFA-18 RBFA-18C	2052601 2052501	HA7-16
20,000 24,000	230V 230V	715212001 715212401	715212402	715212400	715212400	2052703	HA-9-24S
30,000 36,000	230V 230V	715213001 715213601	715213602	RBAD3036C			HA-10-30

SMXII Replacement Parts, Test Tools						
Model (serial number)	Voltage	Repl. P/L Box	Repl. Board	Test Switch	Test CX	Test TSE
RX5 - RX48CK	All	-	A-288D	-	-	-
SXR7 - SX24CK	All	-	A-288D	-	-	-
SXF5 - SXF24CK	All	-	A-288D	-	-	-
FX5-16CK (H00 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	PTCX	-
FX5-16CK (J00 and later)	115/230V	-	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
FX20C-36CK (D00 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	PTCX	-
FX20C-36CK (E00 and later)	115/230V	-	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
FX48RC1-P (E00 and earlier)	230V	PLPLC	A-281C	PTSA	PTCX	-
FX48RC1-P (F00 and later)	230V	-	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
FX20DC-FX48EC (E00 & earlier)	3 Phase	PLPX-HV	A-281C	PTSA	PTCX	-
FX20DC-FX48EC (F00 & later)	3 Phase	-	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
JX7-16C	115/230V	PLPX-HV	A-281C	PTSA	PTCX	-
SX(R)7-16C (G99 and earlier)	115/230V	PLPX-HV	A-281C	PTSA	PTCX	-
SX7-16C w/COMBO (G99 & earlier)	115/230V	CPLPX-HV	A-281C	PTSAX	PTCX	-
SX24C (G99 & earlier)	230V	PLPLC	A-281C	PTSA	PTCX	-
SX7-24C (H99 and later)	115/230V	PLSX	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
SXR7-16C (G02 and later)	115/230V	-	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
SXR10-16C (H99 to F02)	115/230V	PLRX	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
SXR7-7C (H99 to F02)	115/230V	PLRX7	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
SXR7CK (H99 to F02)	115/230V	PLRX7CK	A-288D	PTSA + A-900	PTCX + A-912	PTSEP
PLP, PLPC, PLPX, PLPLC, A-285	115/230V	-	A-281C	-	-	-
A-284, A-279	115/230V	-	A-288D	-	-	-
PLPX-HV, PLSX, PLRX (7-7CK)	115/230V	-	A-288D	-	-	-
PLHMX (Modulating) (L00 & earlier)	115/230V	-	A-281T	-	-	-
PLHMX-HV (Modulate) (M00 & later)	115/230V	-	A-288D	-	-	-

Note: PLPX-HV will replace all PLP, PLPC, PLPX boxes

SMX Net Replacement Parts			
Model	Voltage	Repl. P/L Box	Repl. Board
SNR7-24CK	115/230V	-	A-282NC
RN5-48C	115/230V	-	A-282NC
SN7-24CL	115/230V	NPLPX	A-282NC
FL & FN5-48C, JN7-16CK	115/230V	NPLPX	A-282NC
FN48RC-P	230V	NPLPLC	A-282NC
NPLP, NPLPC, NPLPX, NPLPLC	115/230V	-	A-282NC
NPLRX-(TYPE)	115/230V	-	A-282NC
LPLP, LPLPC	115/230V	-	A-282NC

Coach - Air Cooled SMX Parts					
Model	Voltage	SMXII Kit	Repl. Board	SMX Net Kit	Repl. Board
ACA (before 1989)	115/230V			LPLMAX + A-290	A-282LM
ACA (after 1989)	115/230V			LPLMAX	A-282LM
ACH & ACAH	115/230V	PLMX-HV or PLMX-NWHV	A-288MH	LPLMX or LPLMX-25, -NW	A-282LMH
PLMX-HV Series	115/230V		A-288MH		
PLMX Series	115/230V		A-281MH		
LPLMX, -25, -NW	115/230V				A-282LMH
LPLMAX	115/230V				A-282LM

SMX Upgrade Kits		
Model (serial number)	Voltage	SMXII Kit
SH(R)7-16CK	115/230V	PLPX-HV
SH(F)5-16CK	115/230V	PLPX-HV
SH24C	230V	PLPLC
R20C-48C	115/230V	
R20DC-48ECK	3 Phase	
F20C-72CK	230V	A-279
F20DC-72ECK	3 Phase	A-284
WFAH5-48ECK, J5-16CK	All	A-284
SX(R)7-16C (G99 & earlier)	115/230V	
SX24C (G99 & earlier)	230V	
SXR10-16C (H99 to F02)	115/230V	
SX7-24C (H99 & later)	115/230V	
FX5-48C (D00 & earlier)	115/230V	
JX7-16C	115/230V	
FX5-36C (J00 & later)	115/230V	
FX48RC1-P	230V	
FX20DC-48EC (E00 & earlier)	3 Phase	
FX20DC-48EC (F00 & later)	3 Phase	

Insert Custom Plenum Request Form

TEMPERED WATER SECTION

MTD Modular Tempering Units (uses 410A)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
260141001	\$7,250.00	MTD24C
260141002	\$7,250.00	MTD24CK
260141003	\$7,350.00	MTD24DC
260141005	\$8,200.00	MTD30C
260141007	\$8,200.00	MTD30CK
260141008	\$8,300.00	MTD30DC
260141009	\$8,300.00	MTD30EC
260141010	\$8,400.00	MTD36C
260141011	\$8,500.00	MTD36CK
260141014	\$9,100.00	MTD48C
260141015	\$9,100.00	MTD48CK
260141016	\$9,200.00	MTD48DC
260141018	\$9,200.00	MTD48EC
260141017	\$9,300.00	MTD48ECK
260141019	\$9,900.00	MTD60C
260141021	\$9,900.00	MTD60DC
260141023	\$10,000.00	MTD60EC
260141022	\$10,100.00	MTD60ECK
TBD	**	MTD66ECK
260141025	**	MTD72DC
260141027	**	MTD72EC
260141028	**	MTD96DC
260141030	**	MTD96EC
260141029	**	MTD96ECK
260141031	**	MTD120DC
260141032	**	MTD120ECK

**If interested in these items, please call your Cruisair Sales/Applications Representative.

NOTES:

1) Compressor electrical data are nominally rated at the Volt/Hz/Ph listed, and can be operated in the following ranges: 230/60/1 compressors are rated for 208 - 230/60/1; 220/50/1 comps for 220 - 240/50/1; 230/60/3 comps for 208 - 230/60/3; 220/50/3 comps for 200 - 220/50/3; 380/50/3 comps for 380 - 420/50/3; and 460/60/3 comps for 440 - 480/60/3 and 380 - 420/50/3. These compressors can usually be run at +/-10% of the rated voltage, with these exceptions: 208-230/60/1 -5/+10% for a range of 198-253; and 220-240/50/1 -5/+10% for a range of 209-264. For more information regarding compressor voltages, refer to field notice FNR#192-B3-C on the Dometic Customer News Website.

2) Dual 50/60Hz Operation: If there is a need for a system to be able to run in both 50Hz and 60Hz environments, the best solution is to use a VFD. Make sure the pumps are rated 50/60Hz, but sized to provide enough flow at 50Hz.

MTD Tempering Unit Bases, Frames, and Headers

MTD Multi-Unit Mounting Bases and Frames

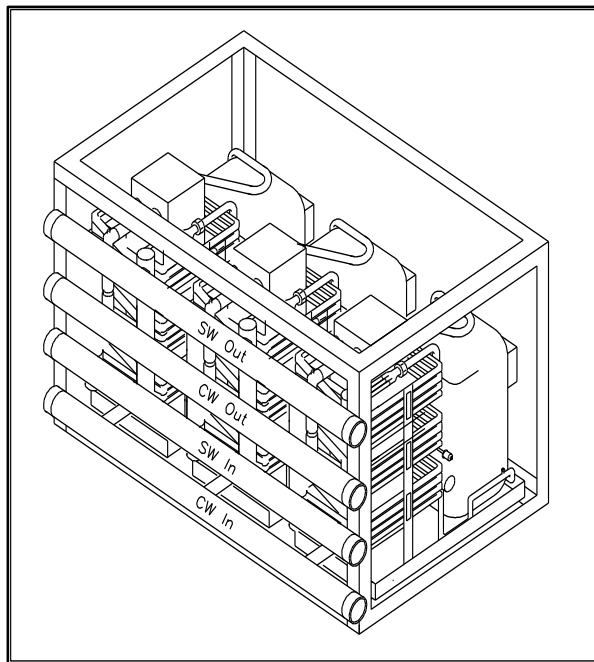
2-ton through 6-ton Units			8-ton and 10-ton Units		
# of Stages	Base	Frame	# of Stages	Base	Frame
2	\$1,245.00	\$2,540.00	2	\$1,430.00	\$2,610.00
3	\$1,550.00	\$2,935.00	3	\$1,690.00	\$2,905.00
4	\$1,715.00	\$3,220.00	4	\$1,950.00	\$3,400.00
5	\$2,010.00	\$3,555.00	5	\$2,250.00	\$3,920.00
6	\$2,570.00	\$4,230.00	6	\$3,030.00	\$5,060.00

Multi-Unit Chilled Water and Seawater Manifolds

Chiller Tons	Manifold Size	# of Stages	Manifold Set
4 - 12	1.5"	2	\$3,530.00
4 - 12	1.5"	3	\$4,580.00
4 - 12	1.5"	4	\$5,860.00
12 - 18	2.0"	6	\$8,950.00
13 - 25	2.0"	2	\$4,040.00
13 - 25	2.0"	3	\$5,265.00
13 - 25	2.0"	4	\$6,140.00
13 - 25	2.0"	5	\$7,640.00
24 - 30	2.5"	6	\$11,700.00
26 - 36	2.5"	3	\$7,630.00
26 - 36	2.5"	4	\$9,450.00
26 - 36	2.5"	5	\$10,620.00
36	3.0"	6	\$12,025.00
37 - 60	3.0"	4	\$11,305.00
37 - 60	3.0"	5	\$13,360.00
48	3.0"	6	\$14,900.00
60	4.0"	6	\$17,190.00

Notes:

- The manifold set includes:
 - Inlet and outlet CW manifolds, insulated copper
 - Inlet and outlet SW manifolds, CPVC
 - FPT connections at both ends of manifolds
- Manifolds are part of a multi-stage chiller systems and are not sold separately.
- Call for pricing on vertical frames and manifolds.



A typical framed chiller with headers.

TWC Chillers

Includes DDC or TWLC control panel. Switch or keypad/display and cables sold separately.

Item No.	List Price USD	Description
260110302	\$5,100.00	TWC24C-TWLC 230/60/1
260110310	\$4,950.00	TWC24C-DDC 230/60/1
260110313	\$5,100.00	TWC24CK-TWLC 220/50/1
260110300	\$4,950.00	TWC24CK-DDC 220/50/1
260110307	\$5,400.00	TWC30C-TWLC 230/60/1
260110304	\$5,250.00	TWC30C-DDC 230/60/1
260110308	\$5,400.00	TWC30CK-DDC 220/50/1
260110303	\$5,800.00	TWC36C-TWLC 230/60/1
260110312	\$5,650.00	TWC36C-DDC 230/60/1
260110306	\$5,800.00	TWC36CK-TWLC 220/50/1
260110305	\$5,650.00	TWC36CK-DDC 220/50/1
260110314	\$5,900.00	TWC36DC-DDC 230/60/3
260110311	\$6,000.00	TWC36ECK-TWLC 380/50/3
260110309	\$5,850.00	TWC36ECK-DDC 380/50/3
TBD	\$7,200.00	TWC48C-TWLC 230/60/1
TBD	\$7,200.00	TWC48CK-TWLC 220/50/1
TBD	\$7,300.00	TWC48DC-TWLC 230/60/3
TBD	\$7,300.00	TWC48EC-TWLC 460/60/3
TBD	\$7,400.00	TWC48ECK-TWLC 380/50/3
TBD	\$7,800.00	TWC60C-TWLC 230/60/1
TBD	\$7,800.00	TWC60CK-TWLC 220/50/1
TBD	\$7,900.00	TWC60DC-TWLC 230/60/3
TBD	\$7,900.00	TWC60EC-TWLC 460/60/3
TBD	\$8,000.00	TWC60ECK-TWLC 380/50/3
260110320	\$8,500.00	TWC72C-TWLC , 230/60/1
TBD	\$8,600.00	TWC72DC-TWLC 230/60/3
TBD	\$8,600.00	TWC72EC-TWLC 460/60/3
TBD	\$9,000.00	TWC72ECK-TWLC 380/50/3
260110322	\$8,850.00	TWC72ECK-DDC, 380/50/3

Notes:

1. TWC Chillers have R-410A refrigerant as standard.
2. Pump relays (x2) will be needed if multiple chillers are used.
3. Following parts must be ordered:
 - TWLC keypad/display (one or more)
 - CNP Cables; one per unit, plus one for TWLC keypad
 - A-416/## temp sensor for CW supply
 - Probe well for temp sensor if using plastic pipe.
4. Some units are available with SmartStart option. If interested, please contact your Cruisair Sales Representative.

TWC Multi-Unit Bases and Manifolds

Chiller Tons	TWC Size	Manifold Size	# of Stages	Manifold Set
4 - 6	TWC24-36	1.25"	2	\$2,060.00
4 - 6	TWC24-30	1.25"	3	\$2,665.00
7 - 9	TWC30-36	1.5"	3	\$2,890.00
7 - 9	TWC24-30	1.5"	4	\$3,635.00
10 - 12	TWC36	2"	4	\$4,315.00
10 - 15	TWC24-36	2"	5	\$5,260.00
8 - 10	TWC48-60	1.5"	2	\$2,415.00
12	TWC72	2"	2	\$2,690.00
12 - 18	TWC48-72	2"	3	\$3,635.00
16	TWC48	2"	4	\$4,615.00
20 - 24	TWC60-72	2.5"	4	\$6,415.00
20 - 30	TWC48-72	2.5"	5	\$7,360.00
24 - 30	TWC48-60	2.5"	6	\$8,345.00
36	TWC72	3"	6	\$10,800.00

# of Stages	Base
2	\$1,225.00
3	\$1,475.00
3	\$1,475.00
4	\$1,785.00
4	\$1,785.00
5	\$2,030.00
6	\$2,255.00

Notes:

1. Manifolds are part of a multi-stage chiller system and are not sold separately
2. Call for pricing on vertical frames and manifolds
3. The manifold set includes:
 - Inlet and outlet CW manifolds, insul. copper
 - Inlet and outlet SW manifolds CPVC
 - FPT connections at both ends of manifolds.

DDC Switch Assemblies

Item No.	List Price USD	Description
263600104	\$168.00	1-Stage DDC Remote Switch, 25ft harness
263600107	\$335.00	2-Stage DDC Remote Switch, 25ft harness
263600108	\$385.00	3-Stage DDC Remote Switch, 25ft harness
263600114	\$395.00	4-Stage DDC Remote Switch, 25ft harness

TWLC Chiller Control System

Multi-Unit MPE Control Panels

# of Stages	230V 1ph	208-230V 3ph	380-460V 3ph
2	\$ 8,150.00	\$ 8,815.00	\$ 9,075.00
3	\$ 9,840.00	\$ 11,020.00	\$ 11,385.00
4	\$ 11,715.00	\$ 12,570.00	\$ 13,020.00
5	\$ 13,225.00	\$ 13,960.00	\$ 15,440.00
6	\$ 14,705.00	\$ 16,185.00	\$ 16,740.00

Notes:

1. Prices shown include circuit breakers and relays for compressors, and CW and SW pumps.
2. 380-460V panels include a transformer for control power.
3. Part number will be issued after order.

Multi-Unit Panel Modifications

Spare pump selector switch, 1-Phase (with contactor): \$435 each
Spare pump selector switch, 3-Phase (with relay & overload): \$745 each
Extend harness (10' std): \$250 per stage (up to 30')
Additional Breakers: 1 phase \$165 each; 3 phase \$240 each
Additional Contactors: 1 phase \$90 each; 3 phase (w/overload) \$305 each
Dual power input (split-bus): \$245
Dual doors (wide panels): \$560
Mount panel on chiller frame: add \$290
Ethernet converter box to connect to ship monitoring system: \$3960
Color Touch-Screen and ethernet connection: \$6880

Multi-Unit Panel Upgrade Packages

# of Stgs	Level 1	Level 2
2	\$1,520.00	\$5,355.00
3	\$1,970.00	\$6,950.00
4	\$2,420.00	\$8,550.00
5	\$2,870.00	\$10,145.00
6	\$3,320.00	\$11,745.00

Level 1 Package Includes:

Compressor & Pump Current Transducers, SW Temp Sensors, and Modem/Computer Adapters & Software

Level 2 Package Includes:

Items in level 1 Package plus: Refrigerant Press. Transducers, and Loop & Seawater Pressure Transducers

Single-Unit MPE Modular Control Panels

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
263200002	\$1,675.00	MPE-XC For all MTC Units, 208-480V, 1 & 3 Ph, 115/230V Control
263200001	\$1,675.00	MPE-VXC As Above, for use with VFD's

In addition to the MPE single-unit panel (one per chiller), the system will require; a TWLC display, CNP Network Cables (one per panel), 2x pump relays (for circulation and seawater pumps), and a A-416/## temp sensor to monitor the common CW supply temperature. If using plastic pipe for the circ water, a probe well (A-418) will be needed.

MPE Accessories/Multi-Panel Modifications

335504	\$400.00	TWLC LCD Keypad/Display, Cruisair
4250003	\$187.00	Current Transducer, Compressor
4250004	\$174.00	Current Transducer, Pump
PSPM	\$33.00	Serial Port 25 Pin to RJ12, for modem
PSPC	\$31.00	Serial Port 9 Pin to RJ12, for computer
A-434/20	\$479.00	Transducer, High Press 0-500 PSI, 20 Ft, TW
A-435/20	\$457.00	Transducer, Low Press 0-150 PSI, 20 Ft, TW
A-418	\$81.00	Temperature Sensor Well, 1" MPT Plug, Copper
297701350	\$169.00	Temperature Sensor Well, 1" MPT Plug, CuNi

See Cabin Controls section for CNP cable pricing.

TWLC Parts Descriptions

TWLC	Keypad/display for MPE panels. One TWLC is required for a MPE system, but multiple TWLC's can be installed (up to the number of stages) for remote operation. Multi-unit MPE panels come with a TWLC installed on the panel. Single-unit MPE panels DO NOT come with a TWLC, and one must be purchased separately. It can be installed in the MPE door or remotely.
CNP Cables	CNP Network cables are used to connect various parts of the TWLC system. - A CNP is needed for each single-unit MPE panel that is to be connected in a network. - A CNP is needed for each remote TWLC keypad/display. - A CNP is needed to connect the TWLC system to a computer or modem (with the proper adapter).
Current Transducer	Used to monitor the amperage (for display only) of a compressor or pump. Can be installed in single-unit MPE panels in the field, or ordered in the upgrade package for multi-unit panels.
Pressure Transducer	Monitors the refrigerant pressure or water pressure for display and fault sensing. Can be added in the field, or is included in the the multi-unit panel upgrade package.

Gateway **NEW FOR 2010**

Chiller Gateway Models (Without Display Touchscreen)

763300025	\$3,800.00	Gateway for Chiller with Enclosure - up to 3 Chillers
763300028	\$4,300.00	Gateway for Chiller with Enclosure - up to 4 Chillers
763300029	\$4,800.00	Gateway for Chiller with Enclosure - up to 5 Chillers
763300035	\$3,900.00	Gateway for Chiller with Enclosure NEMA4X Water Tight - up to 3 Chillers
763300041	\$3,200.00	Gateway for Chiller with Enclosure - up to 2 Chillers
763300030	\$5,300.00	Gateway for Chiller - only 6 Chillers
763300032	\$9,100.00	Gateway for Chiller Box w/VFD- monitors 3 Chillers & 3 VFDs
763300033	\$9,200.00	Gateway for Chiller Box w/VFD - monitors 4 Chillers & 4 VFDs
763300024	\$3,525.00	Gateway for Chiller w/o Enclosure - up to 5 Chillers
763300044	\$2,650.00	Gateway for Chiller w/o Enclosure - up to 2 Chillers

Chiller Gateway Models (With Display Touchscreen)

763300026	\$5,880.00	Gateway for Chiller with Display Touchscreen - up to 5 Chillers
763300045	\$4,325.00	Gateway for Chiller with Display Touchscreen - up to 2 Chillers

Q-Logic TW Air Handler Gateway Models (Without Touchscreen)

763300037	\$3,650.00	Gateway for Q-Logic TW Air Handlers with NEMA4X Gray Fiberglass Box
763300040	\$3,500.00	Gateway for Q-Logic TW Air Handlers with Enclosure
763300042	\$4,100.00	Gateway for Q-Logic TW Air Handlers with White Enclosure NEMA2
763300051	\$4,100.00	Gateway for 2 Chillers and Q-Logic TW Air Handlers w/o Touchscreen

Q-Logic TW Air Handler Gateway Model (With Touchscreen)

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
763300043	\$5,150.00	Gateway for Q-Logic TW Air Handlers with Display Touchscreen
763300049	\$5,150.00	Gateway for 2 Chillers and Q-Logic TW Air Handlers w/Display Touchscreen
763300050	\$5,350.00	Gateway for 6 Chillers and Q-Logic TW Air Handlers w/Display Touchscreen**

****NOTES:**

1. Additional hardware is needed to monitor Chiller #6 and Q-Logic Air Handlers
2. Please order 763300030 for chiller # 6 and 763300040 for Q-Logic Air Handlers

Modular Controller

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
763300036	\$3,960.00	Modular Controller - montiors boat temperatures & works with Chiller Gateway

Replacement Parts

4250032	\$840.00	Ethernet Switch 8 Ports
4250018	\$575.00	Communication Expansion Card RS233/485 for Chiller Gateway w/o Touchscreen
4250008	\$480.00	Communication Expansion Card RS233/485 for Chiller Gateway w/Touchscreen
4250049	\$850.00	CANbus Communication Card for Q-Logic Gateway w/o Touchscreen
4250039	\$1,755.00	Analog Input Modulte RTD Red Lion
4250038	\$133.00	Temperature Sensor RTD 100ohm 5ft
763300027	\$410.00	Converter RS485 to RS232 for Gateway unit that monitors chiller 4 or 5

Replacement Parts for VFD Monitoring

4250023	\$2,730.00	Modbus to Ethernet Gateway for VFD
4250024	\$1,125.00	Mserial Modbus Splitter Box/Hub for VFDx
4250028	\$33.00	Terminator Modbus RC for Modubs Splitter Block 4250025

Communication Cables

4250013	\$60.00	Cable Serial 3ft for Chiller 1, 2, 3, or 6
4250014	\$65.00	Cable Serial 6ft for Chiller 1, 2, 3, or 6
4250015	\$70.00	Cable Serial 10ft for Chiller 1, 2, 3, or 6
4250016	\$150.00	Cable RS485 Serial 3ft for Chiller 4 or 5
4250017	\$200.00	Cable RS485 Serial 6ft for Chiller 4 or 5
4250033	\$15.00	Ethernet Cable 3 ft
4250031	\$30.00	Ethernet Cable 7ft
4250026	\$60.00	Cable RS485 Serial 15ft for Monitoring VFD
4250027	\$65.00	Cable RS485 Serial 25ft for Monitoring VFD
4250025	\$184.00	Cable Modbus Splitter Box to Ethernet Gateway for Montioring VFD

Accessories

4250012	\$345.00	Power Supply 24VDC 30 Watt
4250021	**	Compact Flash Card 1GB Type I
4250022	**	Compact Flash Card Reader USB

**If interested in these items, please contact your Cruisair Sales/Applications Representative.

Variable Frequency Drives

Nominal HP	Comp Voltage	Max AMP Rating		VFD 31	
		3-Ph In	1-Ph In	Item No.	List Price
5HP	208-230V	17.5	10.1	263250104	\$1,850.00
7.5HP	208-230V	27.5	15.9	263250105	\$2,400.00
10HP	208-230V	33.0	19.1	263250106	\$2,850.00
15HP	208-230V	54.0	31.2	263250110	\$4,250.00
20HP	208-230V	66.0	38.1	263250111	\$5,300.00
5HP	380-460V	9.5	-	263250108	\$2,300.00
7.5HP	380-460V	14.3	-	263250112	\$3,050.00
10HP	380-460V	17.0	-	263250202	\$3,450.00
15HP	380-460V	27.7	-	263250109	\$4,600.00
20HP	380-460V	33.0	-	263250201	**

**If interested in this item, please contact your Cruisair Sales/Applications Representative

Variable Frequency Drives - Lower Harmonic Distortion

Nominal HP	Comp Voltage	Max AMP Rating	VFD 21	
			Item No.	List Price
5HP	208-230V	17.5	263250400	1900
7.5HP	208-230V	24.2	263250401	2450
10HP	208-230V	32.0	263250402	2900
15HP	208-230V	46.2	263250403	4300
20HP	208-230V	61.0	263250404	5350
5HP	380-460V	9.1	263250410	2350
7.5HP	380-460V	12.0	263250411	3100
10HP	380-460V	16.0	263250412	3500
15HP	380-460V	22.5	263250413	4650
20HP	380-460V	30.5	263250414	**

**If interested in these items, please contact your Cruisair Sales/Applications Representative

Note:

1. Altivar 21s cannot support single phase input power.
2. Higher amperage rating ATV21 drives are available upon request.

RFI Filters

Nominal HP	Comp Voltage	Max AMP Rating		RFI Filters (class B EMC)	
		3-Ph In	1-Ph In	Item No.	List Price
5HP	208-230V	17.5	10.1	763300002	\$630.00
7.5HP	208-230V	27.5	15.9	763300003	\$630.00
10HP	208-230V	33.0	19.1	763300003	\$630.00
15HP	208-230V	54.0	31.2	763300004	\$960.00
20HP	208-230V	66.0	38.1	763300004	\$960.00
5HP	380-460V	9.5	-	763300002	\$630.00
7.5HP	380-460V	14.3	-	763300003	\$630.00
10HP	380-460V	17.0	-	763300003	\$630.00
15HP	380-460V	27.7	-	763300005	\$790.00
20HP	380-460V	33.0	-	763300005	\$790.00

Note: RFI Filters are Compatible with either the Altivar 31s or the Altivar 21s.

AC Line Reactors

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4250301	\$805.00	Reactor, AC Line 230V, 10HP
4250303	\$905.00	Reactor, AC Line 230V, 15HP
4250304	\$1,340.00	Reactor, AC Line 230V, 25HP
4250302	\$905.00	Reactor, AC Line 460V, 15HP

How to choose the correct Frequency Drive

- 1) Compressor must be 3 phase.
- 2) Multiply the chiller's reverse cycle amps by 1.1 (10% safety factor).
- 3) Choose freq drive from the Comp Voltage and Max AMP Rating columns depending on compressor voltage and the phase of the input power supply, respectively.
- 4) When buying a drive separately from a chiller system (i.e., a replacement), the customer must specify the input power supply voltage & phase and compressor voltage & frequency.

Notes:

1. 230VAC VFDs are programmed for 60Hz output so that full capacity is realized even with 50Hz input power.
2. 380/50/3 VFDs have 50Hz output, so use MTC "ECK" units.
3. The Square D/Telemecanique Altivar 31 VFDs incorporate a Class A EMC filter into their design. This helps prevent high frequency noise and harmonic distortions from affecting the AC power supply.
4. If the application or power system requires lower noise/distortion, then the Class B EMC filters can be added.

Single Phase Soft Start Devices**NEW FOR 2010**

<u>Item No.</u>	<u>List Price USD</u>	<u>Description</u>
4220040	\$450.00	SmartStart™, 115V, 60Hz, 6K-18K
4220043	\$450.00	SmartStart™, 230V, 50-60Hz (208-240V) for 12K-30K
4220044	\$450.00	SmartStart™, 230V, 50-60Hz for 36K-60K

Pump Relays

PR3X-2C	\$215.00	Pump Relay, 115/230V, with two 230V Triggers
PR3X-3C	\$240.00	Pump Relay, 115/230V, with three 230V Triggers
PR8X-4C	\$305.00	Pump Relay, 115/230V, with four 230V Triggers
PR8X-5C	\$330.00	Pump Relay, 115/230V, with five 230V Triggers
TR230	\$37.00	Relay Trigger, 230V

* 3-Phase pump relays are custom because pump motor size must be specified for relay overload.

Circulated Water Pump Packages

With diaphragm-style expansion tanks!

260110515	\$1,950.00	Pump Pkg PMA1000, tank, 115/60/1
260110516	\$1,985.00	Pump Pkg PMA1000C, tank, 230/50-60/1
260110517	\$2,035.00	Pump Pkg PMA1000CK, tank 240/50/1
260110518	\$2,575.00	Pump Pkg P120, tank, 115/60/1
260110519	\$2,575.00	Pump Pkg P120Z, tank, 230/50-60/1
260110512	\$2,630.00	Pump Pkg P700Z, tank, 230/50-60/1
260110514	\$2,990.00	Pump Pkg P710Z, tank, 230/50-60/1

PUMPS AND ACCESSORIES

PUMPS, TW		Impeller			Sea Water	Circulation Pump	In X Out	Weight	
Part Number	Model	Volt/Hz/Ph	Diameter	Amp	Capacity	Capacity	(NPT)	(lbs/kg)	List Price
225500001	P100	115/60/1	2.5"	5.5	1500 gph @ 10'	N/A	1.25 X 1	25/11	\$1,075.00
225500072	P100Z	230/50-60/1	2.5"	2.8	1500 gph @ 10'	N/A	1.25 X 1	25/11	\$1,075.00
225500071	P110	230/50-60/3	2.75"	2.8	1500 gph @ 10'	N/A	1.25 X 1	30/14	\$1,385.00
225500101	P120	115/60/1	3"	5.5	1800 gph @ 15'	N/A	1.25 X 1	25/11	\$1,110.00
225500102	P120Z	230/50-60/1	3"	2.8	1800 gph @ 15'	N/A	1.25 X 1	25/11	\$1,110.00
225500090	P700	115/60/1	3.5"	5.5	2200 gph @ 15'	80,000 btu/hr	1.25 X 1	26/12	\$1,090.00
225500066	P700Z	230/50-60/1	3.5"	2.8	2200 gph @ 15'	80,000 btu/hr	1.25 X 1	26/12	\$1,090.00
225500062	P700	230/50-60/3	3.5"	2.8	2500 gph @ 20'	96,000 btu/hr	1.25 X 1	30/14	\$1,450.00
225500012	P700	460/50-60/3	3.5"	1.4	2500 gph @ 20'	96,000 btu/hr	1.25 X 1	30/14	\$1,450.00
225500011	P700	380/50/3	3.75"	1.7	2500 gph @ 10'	N/A	1.25 X 1	30/14	\$1,385.00
225500010	P710	115/60/1	3.5"	9.8	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,470.00
225500059	P710	230/50-60/1	3.5"	4.9	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,470.00
225500033	P710	220/50/1	4"	7.2	3000 gph @ 25'	N/A	1.5 X 1.5	34/15	\$1,535.00
225500082	P710	230/60/3	3.5"	2.2	3000 gph @ 25'	80,000 btu/hr	1.5 X 1.5	34/15	\$1,470.00
225500028	P710	460/50-60/3	3.5"	1.1	3000 gph @ 25'	80,000 btu/hr	1.5 X 1.5	34/15	\$1,470.00
225500031	P710	220/50/3	4"	3.3	2500 gph @ 30'	N/A	1.5 X 1.5	34/15	\$1,535.00
225500032	P710	380/50/3	4"	1.9	2500 gph @ 30'	N/A	1.5 X 1.5	34/15	\$1,535.00
CPOD120BX	N/A	115-230/60/1	3.75"	11.2/5.6	N/A	120,000 btu/hr	1.5 X 1.5	41/18.6	\$1,670.00
CPOD120B3X	N/A	230-460/60/3	3.75"	2.8/1.4	N/A	120,000 btu/hr	1.5 X 1.5	41/18.6	\$1,860.00
225500009	P711	115/50-60/1	4"	16.0	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,580.00
225369928	P711	230/50-60/1	4"	8.0	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,580.00
225500083	P711	230/60/3	4"	4.2	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,655.00
225500029	P711	460/50-60/3	4"	2.1	4000 gph @ 30'	180,000 btu/hr	1.5 X 1.5	37/17	\$1,655.00
225500121	P711Z	230/60/1	4.25"	10.0	4800 gph @ 30'	280,000 btu/hr	1.5 X 1.5	49/22	\$1,965.00
225500178	P711Z	220/50/1	4.5"	10.5	3900 gph @ 30'	180,000 btu/hr	1.5 X 1.5	49/22	\$1,985.00
225500211	P711	380/50/3	4.5"	3.6	3900 gph @ 30'	180,000 btu/hr	1.5 X 1.5	49/22	\$1,985.00
CPOD240BX	N/A	115-230/60/1	4.25"	16.2/8.1	N/A	240,000 btu/hr	2 X 1.5	60/27.2	\$3,820.00
CPOD240B3X	N/A	230-460/60/3	4.25"	4.0/2.0	N/A	240,000 btu/hr	2 X 1.5	60/27.2	\$3,595.00
225500030	P711	380/50/3	4.75"	3.6	4500 gph @ 30'	240,000 btu/hr	1.5 X 1.5	49/22	\$1,965.00
334968	P715 CW	230/60/1	4"	10.0	N/A	320,000 btu/hr	2 X 2	85/39	\$4,120.00
225500154	P715 CW	230/60/3	4"	6.0	N/A	320,000 btu/hr	2 X 2	85/39	\$3,400.00
225500135	P715 SW	230/60/3	4"	6.0	7200 gph @ 20'	N/A	2 X 2	85/39	\$3,845.00
225500136	P715 SW	460/50-60/3	4"	3.0	7200 gph @ 20'	N/A	2 X 2	85/39	\$3,845.00
225500138	P715 SW	380/50/3	4.5"	3.6	7000 gph @ 20'	N/A	2 X 2	85/39	\$3,920.00
225500158	P715 CW	230/60/3	4.5"	6.8	N/A	480,000 btu/hr	2 X 2	93/42	\$3,595.00
225500159	P715 CW	460/50-60/3	4.5"	3.4	N/A	480,000 btu/hr	2 X 2	93/42	\$3,595.00
225500161	P715 CW	380/50/3	4.75"	4.1	N/A	360,000 btu/hr	2 X 2	93/42	\$3,635.00
225500141	P715 SW	220/50/3	4.75"	7.1	7000 gph @ 30'	N/A	2 X 2	93/42	\$4,320.00
225500142	P715 SW	380/50/3	4.75"	4.1	7000 gph @ 30'	N/A	2 X 2	93/42	\$4,320.00
P7800B3X	N/A	230-460/60/3	5"	3.4/1.7	7800 gph @ 20'	N/A	2.5 X 2.5	90/41	\$5,020.00
P10800B3X	N/A	230-460/60/3	5.63"	5.2/2.6	10800 gph @ 20'	N/A	2.5 X 2.5	100/45.5	\$5,005.00
225500162	P715 CW	230/60/3	4.5"	9.6	N/A	890,000 btu/hr	2.5 X 2.5	98/44	\$4,750.00
225500134	P715 SW	460/50-60/3	4.5"	4.8	16000 gph @ 30'	N/A	2.5 X 2.5	98/44	\$4,865.00
225500165	P715 CW	380/50/3	4.75"	5.8	N/A	900,000 btu/hr	2.5 X 2.5	98/44	\$4,750.00
225500145	P715 SW	380/50/3	4.75"	5.8	15600 gph @ 30'	N/A	2.5 X 2.5	98/44	\$5,005.00
225500169	P715 CW	380/50/3	5.13"	9.2	N/A	1,120,000 btu/hr	2.5 X 2.5	120/54	\$5,230.00
225500171	P715 CW	460/60/3	5.12"	11.0	N/A	1,400,000 btu/hr	2.5 X 2.5	127/58	\$5,420.00

Notes:

1. All CW pump capacities listed are calculated at 40' of head.
2. CW pumps must not be used for seawater. However, SW pumps can be used for CW.
3. 50Hz pumps must not be operated at 60Hz. However, 50-60Hz pumps can be operated at 50hz, but performance will drop significantly.

CW Loop Components

Expansion Tanks

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
1063515	\$128.00	Exp Tank, 2 gal, up to 30-tons, 1/2" MPT
1063530	\$205.00	Exp Tank, 4.4 gal, up to 60-tons, 1/2" MPT
1063560	\$430.00	Exp Tank, 7.6 gal, up to 100-tons, 1/2" MPT

Note: Select tank based on total air handler capacity.



Fill Components

334758	\$175.00	Pressure Reducing Valve, 12psi, fast-fill, 1/2" FPT
335225	\$550.00	Backflow preventer for fill line, 1/2" FPT (Reduced Press Zone)
1070200	\$175.00	Back Flow Preventer 1/2" FPT (not for permanent connection)
1070201	\$350.00	Pressure Regulator/Relief Valve 1/2" FPT
1070030	\$54.00	Pressure Gauge, 0 - 30 PSI, 1/4" FPT
1070031	\$54.00	Pressure Gauge, 0 - 60 PSI, 1/4" MPT



Air/Dirt/Air-and-Dirt Separators

334152	\$150.00	1/2" Spirotop (install at high points in CW system)
334132	\$330.00	1-1/4" inline Spirovent, 15gpm (60k BTU/hr)X
334151	\$490.00	1-1/2" inline Spirovent, 30gpm (120k BTU/hr)X
1063507	**	Air & Dirt Separator, 2" flanged connections, 105 gpm, steel shell, serviceable
1063508	**	Air & Dirt Separator, 3" flanged connections, 225 gpm, steel shell, serviceable
1063509	**	Air & Dirt Separator, 4" flanged connections, 405 gpm, steel shell, serviceable
1063510	**	Dirt Separator, 1.5" female NPT, 30 gpm, brass shell
297700297	\$2,550.00	DSV2/240 Dual Spirovent, 2" FPT, 60gpm (240k BTU/hr)

**If interested in these items, please contact your Cruisair Sales/Applications Representative.



Steel Shell Air & Dirt Separator



Brass Shell Dirt Separator



Loop Y-Strainers

1010012	\$184.00	"Y" Strainer, Bronze, 1 1/4" FPT
335345	\$330.00	"Y" Strainer, Bronze, 1 1/2" FPT
335404	\$435.00	"Y" Strainer, Bronze, 2" FPT
335263	\$715.00	"Y" Strainer, Bronze, 2 1/2" FPT
335264	\$940.00	"Y" Strainer, Bronze, 3" FPT

Balancing Flow Controls (see note)

BFC3	\$335.00	Balancing Flow Control, 1/2" FPT
BFC6	\$335.00	Balancing Flow Control, 1/2" FPT
BFC9	\$335.00	Balancing Flow Control, 1/2" FPT
BFC12	\$335.00	Balancing Flow Control, 1/2" FPT
BFC15	\$335.00	Balancing Flow Control, 3/4" FPT
BFC18	\$335.00	Balancing Flow Control, 3/4" FPT
BFC21	\$335.00	Balancing Flow Control, 3/4" FPT
BFC24	\$335.00	Balancing Flow Control, 3/4" FPT
BFC27	\$335.00	Balancing Flow Control, 3/4" FPT
BFC30	\$335.00	Balancing Flow Control, 3/4" FPT
BFC36	\$455.00	Balancing Flow Control, 1" FPT
BFC42	\$455.00	Balancing Flow Control, 1" FPT
BFC48	\$455.00	Balancing Flow Control, 1" FPT
BFC54	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC60	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC66	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC72	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC84	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC90	\$480.00	Balancing Flow Control, 1 1/4" FPT
BFC96	\$480.00	Balancing Flow Control, 1 1/4" FPT

Notes:

1. Subtract Chiller capacity (BTU/hr) from total Air Handler capacity to get BFC size (BTU load).
2. If an exact BFC size is not available, select the next smaller size.

Air Handlers

"AT" Air Handlers with Valves and "HV" Blowers

Item	List Price USD	Description
261300005	\$1,030.00	AT4FZ 4"MR 230V
261300706	\$1,190.00	AT4FZ-FC, 4"MR, 230V
261300017	\$1,300.00	AT6HVZ 5"MR 230V
261300217	\$1,650.00	AT6HVZ-1KW 5"MR 230V
261300715	\$1,460.00	AT6HVZ-FC, 5"MR, 230V

"AT" Air Handlers with Valves and "HV" Blowers (continued)

261300716	\$1,810.00	AT6HVZ-FC-1KW, 5"MR, 230V
261300027	\$1,400.00	AT9HVZ 6"MR 230V
261300227	\$1,750.00	AT9HVZ-1.5KW 6"MR 230V
261300726	\$1,560.00	AT9HVZ-FC, 6"MR, 230V
261300727	\$1,910.00	AT9HVZ-FC-1.5KW, 6"MR, 230V
261300037	\$1,500.00	AT12HVZ 6"MR 230V
261300237	\$1,850.00	AT12HVZ-2KW 6"MR 230V
261300736	\$1,660.00	AT12HVZ-FC, 6"MR, 230V
261300737	\$2,010.00	AT12HVZ-FC-2KW, 6"MR, 230V
261300057	\$1,700.00	AT18HVZ 7"MR 230V
261300257	\$2,150.00	AT18HVZ-3KW 7"MR 230V
261300756	\$1,860.00	AT18HVZ-FC, 7"MR, 230V
261300757	\$2,310.00	AT18HVZ-FC-3KW, 7"MR, 230V
261300067	\$2,000.00	AT24HVZ 8"MR 230V
261300267	\$2,450.00	AT24HVZ-3KW 8"MR 230V
261300766	\$2,160.00	AT24HVZ-FC, 8"MR, 230V
261300767	\$2,610.00	AT24HVZ-FC-3KW, 8"MR, 230V
261300087	\$3,300.00	AT36HVZ 8"MR 230V
261300287	\$3,750.00	AT36HVZ-3KW 8"MR 230V
261300786	\$3,460.00	AT36HVZ-FC, 8"MR, 230V
261300787	\$3,910.00	AT36HVZ-FC-3KW, 8"MR, 230V

"Whisper Cool" AT-DC Air Handlers

261300608	\$2,235.00	AT6DCZ-FC 5"MR 230V
261300601	\$2,585.00	AT6DCZ-FC-1KW 5"MR 230V
261300629	\$2,285.00	AT6DCZ-FC L90 5"MR 230V
261300610	\$2,335.00	AT9DCZ-FC 6"MR 230V
261300602	\$2,685.00	AT9DCZ-FC-1KW 6"MR 230V
261300614	\$2,435.00	AT12DCZ-FC 6"MR 230V
261300613	\$2,835.00	AT12DCZ-FC-1KW L90 6"MR 230V
261300603	\$2,785.00	AT12DCZ-FC-2KW 6"MR 230V
261300628	\$2,485.00	AT12DCZ-FC L90 6"MR 230V
261300616	\$2,635.00	AT18DCZ-FC 7"MR 230V
261300605	\$3,085.00	AT18DCZ-FC-3KW 7"MR 230V
261300623	\$3,135.00	AT18DCZ-FC-3KW R180 7"MR 230V
261300627	\$2,685.00	AT18DCZ-FC L90 7"MR 230V
261300619	\$2,935.00	AT24DCZ-FC 8"MR 230V
261300606	\$3,385.00	AT24DCZ-FC-3KW 8"MR 230V
261300620	\$4,535.00	AT24DCZ-FC-3KW-MU 8"MR 230V
261300636	\$3,460.00	AT30DCZ-30FC 8"MR 230V
261300622	\$4,235.00	AT36DCZ-FC 8"MR 230V
261300630	\$4,805.00	AT36DCZ-FC-4KW 8"MR 230V

Note: Air Handlers with COS call-out in the description are not compatible with Q logic.

AT	12	HV	Z	- FC	- COS	- 2KW	- L90	6"MR
Air Handler Style	Capacity (BTU/hr x 1000)		Z = 230V Blank = 115V	Flow Control	COS = Change-Over Switch Installed	Electrical Heat		Duct Ring Size
	Blower "HV" = High-efficiency DC = DC Brushless Motor F = Shaded Pole (ext. motor)						Valve & Blower Orientation	

"AT" Air Handlers with FC, Valves, COS, and rotated "HV" Blowers

These models can be used to replace old CBBL units.

Item	List Price USD	Description
261300708	\$1,290.00	AT4FZ-FC-COS L90 4"MR, replaces CBBL3C, CBBL4C
261300719	\$1,560.00	AT6HVZ-FC-COS L90 5"MR, replaces CBBL6C
261300720	\$1,910.00	AT6HVZ-FC-COS-1KW L90 5"MR, replaces CHBBL6C
261300730	\$1,660.00	AT9HVZ-FC-COS L90 6"MR, replaces CBBL7.5C, CBBL9C
261300813	\$2,010.00	AT9HVZ-FC-COS-1.5KW L90 6"MR, replaces CHBBL7.5C, CHBBL9C
261300740	\$1,760.00	AT12HVZ-FC-COS L90 6"MR, replaces CBBL12C
261300741	\$2,110.00	AT12HVZ-FC-COS-2KW L90 6"MR, replaces CHBBL12C
261300812	\$1,960.00	AT15HVZ-FC-COS L90 7"MR, replaces CBBL15C
261300815	\$2,410.00	AT15HVZ-FC-COS-3KW L90 7"MR, replaces CHBBL15C
261300760	\$1,960.00	AT18HVZ-FC-COS L90 7"MR, replaces CBBL18C
261300814	\$2,410.00	AT18HVZ-FC-COS-3KW L90 7"MR, replaces CHBBL18C
261300770	\$2,260.00	AT24HVZ-FC-COS L90 8"MR, replaces CBBL24C
261300852	\$2,710.00	AT24HVZ-FC-COS-3KW L90 8MR 230, replaces CHBBL24C

ATV "Vertical" Draw-Through Air Handlers

261300520	\$2,710.00	ATV12DCZ-FC 6"MR VERT CONFIG
261300523	\$3,060.00	ATV12DCZ-FC-2KW 6"MR VERT CONFIG

ATL Draw-Through Air Handlers

261300505	\$2,760.00	ATL6DCZ-FC, 6" MR, 230V
261300504	\$2,810.00	ATL9DCZ-FC, 6" MR, 230V
261300503	\$3,160.00	ATL9DCZ-FC-1.5KW, 6" MR, 230V
261300509	\$4,160.00	ATL12DCZ-FC, 6" MR, 230V
261300528	\$2,200.00	ATL16FZ, 230V, sloped pan
261300529	\$2,550.00	ATL16FZ, 230V, 1.5KW, sloped pan
261300519	\$3,860.00	ATL18DCZ-FC, 6" MR, 230V
261300540	\$3,910.00	ATL24DCZ-FC, 8" MR, 230V

Note: Electric Heat is available on the ATLs, ATVs, and ABLs.

ABL Air Handlers

262110005	\$5,710.00	ABL18DCZ-FC 3KW 230V
262110001	\$5,260.00	ABL24DCZ-FC 230V
262110004	\$5,785.00	ABL24DCZ-FC 3KW 230V

Fresh Air Makeup Air Handlers - with valve and flow control

261300802	\$2,660.00	AT18HVZ-FC-1.5KW-MU, 230V/1Ph, with Flow Control, 174cfm, 5" hose adapt
261300803	\$2,960.00	AT24HVZ-FC-2KW-MU, 230V/1Ph, with Flow Control, 276cfm, 6" hose adapt
261300804	\$4,480.00	AT36HVZ-48FC-4KW-MU, 230V/1Ph, w/48k Flow Control, 550cfm, 8" hose adapt
4061200	\$345.00	Humidistat, Wall Mount, 115V/230V
722400008	\$355.00	Temperature Sensor, RH, Q-Logic, 15 Feet

Note: For AT-MU, also order: PLTC-HVSTAT, SMX Keypad, CXP cable, and humidistat.

Defrosters and Controls

764000002	\$1,390.00	HBU1C-5 Defroster, 1KW, 5" duct, 200cfm, 230V
HBU1.5-8	\$1,445.00	Defroster, 1.5 KW, 8" duct, 300 cfm, 115V
HBU1.5C-8	\$1,445.00	Defroster, 1.5 KW, 8" duct, 300 cfm, 230V
HBU3C-8	\$1,510.00	Defroster, 3 KW, 8" duct, 500 cfm, 230V
215200118	\$2,245.00	HBUF1.5C "F" Defroster 230V 1.5kW, 3x 5" Rings
223150010	\$365.00	Switch for "F" type Defroster (1-knob; Off-Fan-Defrost)
SA4D-Z01	\$350.00	2-knob switch for defroster, Black, 115V
SA4D-ZC01	\$350.00	2-knob switch for defroster, Black, 230V
235000108	\$82.00	Replacement filter w/frame for "F" type Defroster (17.75"x8.75")

Note: See drawing at the back of the Tempered Water Section for ordering "F" type Defrosters

Hose Barbs, Hose

361040	\$7.00	Brass Hose Barb, 1/2" MPT x 5/8" (16mm) HB
361080	\$8.90	Brass Hose Barb, 3/4" MPT x 3/4" (19mm) HB
361060	\$21.00	Brass Hose Barb, 1" MPT x 1" (25mm) HB
1054200	\$2.90	PVC Drain Fitting, 1/2" MPT x 5/8" Hose Barb
1054300	\$5.10	PVC 90° Drain Fitting, 1/2" MPT x 5/8" Hose Barb
226000006	\$3.00	Hose, White, 5/8" ID, per foot
1022312	\$4.70	Hose, White, 3/4" ID, per foot

Cabin Controls

"Q" Displays/Logic Boxes

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
722200260	\$165.00	Display, Q3, Black
722200200	\$215.00	Display, Qht, Gray (Bezel Needed)
722200210	\$215.00	Display, Qht, White (Bezel Needed)
763100022	\$525.00	PLTQ-HVSTAT, Q-Logic P/L Box, Tempered Water
763100010	\$179.00	DC Blower Converter Box for SMXII/Q Logic (Call Applications Dept for assistance)
763100027	\$450.00	Canbus adapter kit for Q-Logic, DX & TW (does not include Q-Logic board)
722200050	\$12.30	BEZEL VIMAR POLY BLACK
722200051	\$12.30	BEZEL VIMAR POLY IDEA WHITE
722200052	\$49.00	BEZEL VIMAR METAL POLISHED GOLD CLASSICA

Note: The Q displays only work with Q logic control system.

SMXht Keypad/Display

722200010	\$215.00	Display SMXht Gray – TW (Bezel Needed)
722200030	\$215.00	Display SMXht White – TW (Bezel Needed)
5103700	\$2.80	Replacement clips for using Vimar Idea bezels (supplied with SMXht)
722200050	\$12.30	BEZEL VIMAR POLY BLACK
722200051	\$12.30	BEZEL VIMAR POLY IDEA WHITE
722200052	\$49.00	BEZEL VIMAR METAL POLISHED GOLD CLASSICA

Notes:

1. The SMXht Keypad/Display only works with SMX II Control System using HV circuit board (722300288).
2. Other Vimar Bezels are available.

SMXir & SMXII Keypad/Displays

SMXIRB-T	\$230.00	Display, SMXir, Black, 3/4 Door, TW
SMXIRB-T-F	\$235.00	Display, SMXir, Black, Full Door, TW
SMXIRW-T	\$230.00	Display, SMXir, White, 3/4 Door, TW
SMXIRW-T-F	\$235.00	Display, SMXir, White, Full Door, TW
SMXIR-REM-T	\$108.00	Remote Control, SMXir, TW
SMXII BB	\$225.00	Display, SMXII Black, Cover required
TPXB	\$41.00	SMXII Snap-On Cover, Black, TW.

Note: SMXir convenience panel kits come with a 4' (1.2m) cable connected to a SMXir keypad/display.

SMX Power/Logic Boxes

763100006	\$565.00	PLTX-HVSTAT SMX II P/L Box w/COS & TSEP10
763100009	\$615.00	PLTX-HVSTATDC SMX II P/L Box w/COS&TSEP10 for DC blwrs
763100010	\$179.00	DC Blower Converter Box for SMXII/Q Logic (Call Applications Dept for assistance)
PLTX-HV	\$475.00	SMX II P/L Box, 115/230V (for AH w/COS installed, TSEP req'd)
NPLTX	\$695.00	SMX Net P/L Box, 115/230V (for AH w/COS installed, TSEP req'd)
4061200	\$345.00	Humidistat, Wall Mount, 115V/230V

**There are several specialized control boxes to provide additional features such as networking and DC blower controls. Please contact your Cruisair Sales/Applications Representative if interested.

CXP Cables and TSEP Temperature Sensors

CXP10	\$22.00	Keypad to P/L Box Cord, RJ12 Plug, 10 Feet
CXP20	\$32.00	Keypad to P/L Box Cord, RJ12 Plug, 20 Feet
CXP30	\$43.00	Keypad to P/L Box Cord, RJ12 Plug, 30 Feet
TSEP10	\$37.00	Temperature Sensor, RJ11, 10 Feet

Mechanical 3-Knob Thermostats

TS3-ZB1	\$395.00	3-Knob Switch, Black, 10' Cable, 115V, w/COS
TS3-ZCB1	\$395.00	3-Knob Switch, Black, 10' Cable, 230V, w/COS
TSE-TZB	\$385.00	3-Knob Switch, Black, 115V, w/COS
TSE-TZCB	\$385.00	3-Knob Switch, Black, 230V, w/COS

Replacement Parts

Tempering Unit Parts

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
332025	\$135.00	Flow Switch (V10), Brass Body w/Reed Switch *
4020013	\$180.00	Flow Switch, Black Plastic *
333361	\$58.00	Replacement Micro Reed Switch for V10 Flow Switch
A-400	\$180.00	Replacement Flow Switch, Cut Paddle, w/ Micro Switch & resistor
A-403	\$76.00	Replacement Micro Switch for #1061700 Flow Switch, w/resistor
4024200	\$30.00	Screw-On Low Pressure Switch: R22, R407C, R417A (27psi)
4024300	\$30.00	Screw-On High Pressure Switch: R22, R407C, R417A (425psi)
4024206	\$24.00	Screw-On Low Pressure Switch: R-410A (60psi)
4024207	\$38.00	Screw-On High Pressure Switch: R410A (600psi)
A-415	\$111.00	Replacement Temp. Sensor, Johnson A-350 Controls (MPA units)
4062305	\$65.00	Replacement Temp. Sensor, TWLC (MPE) & Ranco ETC (MPC)
334275	\$11.50	Adapter, SW Manifold, 5/8 Compression X 1/2MPT
334800	\$21.00	Molded wiring plug for scroll compressor, 1ph
334801	\$21.00	Molded wiring plug for scroll compressor, 3ph

***Note:** The brass body flowswitch (332025) and the black plastic flowswitch(4020013) are NOT interchangeable.

Control Panel Parts

297704321	\$675.00	Replacement TWLC P/L Board, 115/230 V
4221041	\$12.00	Replacement EPROM for MPE board
335504	\$400.00	TWLC LCD Keypad/Display, Cruisair
4220002	\$580.00	Repl. DDC circuit board, 115/230V
331438	\$46.00	DDC Water Temp Sensor, 10ft
332501	\$169.00	Transformer, 380V-240V
4130630	\$170.00	Contactora, MPE-XC only, 240V Coil, 30A
331551	\$65.00	Contactora AEG, 40amp, 2-pole, 240V coil
332169	\$220.00	Contactora AEG, 40amp, 3 phase, 240V coil

Air Handler Parts

4210002	n/a ¹	Actuator only, 115V, Sinro (Plastic) - DISCONTINUED
264000023	n/a ¹	Actuator, 208-230V, Sinro (Plastic) - DISCONTINUED
335168	\$105.00	Actuator only, Erie "Pop-Top" TM , 115V
335169	\$120.00	Actuator only, Erie "Pop-Top" TM , 230V
333837	\$290.00	3-way valve & actuator, 115V, 3/4" IFL, Erie "Pop-Top" TM
333839	\$290.00	3-way valve & actuator, 230V, 3/4" IFL, Erie "Pop-Top" TM
4070007	\$215.00	3-way valve & actuator, 115V, 1/2" sweat, replaces: Erie "Pop-Top" TM & Sinro (Plastic)
4070008	\$215.00	3-way valve & actuator, 230V, 1/2" sweat, replaces: Erie "Pop-Top" TM & Sinro (Plastic)
335808	\$445.00	3-way valve & actuator, 230V, 1" sweat, Erie "Pop-Top" TM
332063	\$110.00	Motor Only for 3-way valve, 115V (see note)
332002	\$110.00	Motor Only for 3-way valve, 230V (see note)
331942	\$3.50	Rubber Boot for 3-way valve
291613004	\$50.00	36" Water Bleeder Valve Asy w/Nylon Tube & Straight Fitting
291613033	\$56.00	40" Water Bleeder Valve Asy w/Nylon Tube & Elbow Fitting
334083	\$74.00	COS, Changeover Switch
334084	\$22.00	SPRING, to hold COS

Notes:

- Sinro Valves & Parts:** Sinro valves and replacement parts are no longer available. Part numbers are listed for reference only. The motors listed above CAN be used on Sinro AND Erie valves. If the motor alone will not suffice, then replace a Sinro valve with the appropriate voltage of the SWEAT Erie valve. DO NOT attempt to replace a Sinro with an IFL Erie valve. Refer to 2009 Field Notice 294-K09 for more information.
- Actuator Note:** Erie IFL and sweat valves use the same Erie actuator
- Sizing Note:** 1/2" sweat valves fit 5/8" od copper tubing. 3/4" IFL (internal flare) valves fit flared 5/8" od copper tubing. 1" sweat fits 1-1/8" od copper tube.
- Erie/Invensys/TAC Note:** Erie, Invensys, and TAC are different names for the same valve manufacturer and same valves.
- Motor Only Note:** "Motor Only" part numbers require the actuator to be opened and the motor itself replaced. This is not an easy operation, especially if the air handler is installed. We recommend replacing the entire actuator instead. EXCEPTION: If you have a Sinro valve, it is easier to replace the motor than to replace the entire valve. Air handlers built before 2000 may not have removable actuators. In that case, replacing the motor may be preferable to replacing the entire valve.

Replacement Blower Assemblies

Item	List Price USD	Description
293042086	\$400.00	Replacement Blower Assembly, AT4FZ, 230V
291617076	\$450.00	Replacement Blower Assembly, AT6HV, 115V
291617014	\$450.00	Replacement Blower Assembly, AT6HVZ, 230V
291617010	\$550.00	Replacement Blower Assembly, AT9HV, 115V
291617011	\$550.00	Replacement Blower Assembly, AT9HVZ, 230V
291617077	\$600.00	Replacement Blower Assembly, AT12HV, 115V
291617006	\$600.00	Replacement Blower Assembly, AT12HVZ, 230V
291617078	\$875.00	Replacement Blower Assembly, AT18-24HV, 115V
291617079	\$875.00	Replacement Blower Assembly, AT18-24HVZ, 230V

Note: Blowers above are insulated, and include inlet mount ring and capacitor.

Replacement Blower Capacitors

4040003	\$7.60	3 mfd with spades for AT9HVZ 230V
4040004	\$8.10	4 mfd with spades for AT6,12,18,24HVZ 230V
4040008	\$10.50	8 mfd with spades for AT36HVZ
4040006	\$11.10	10 mfd with spades for AT9HV 115V
4040007	\$11.30	12 mfd with spades for AT6HV 115V
4040005	\$11.70	16 mfd with spades for AT12HV 115V

Air Filters

235000525	\$10.00	Air Filter, black mesh, for AT4
235000526	\$10.00	Air Filter, black mesh, for AT6
235000527	\$10.00	Air Filter, black mesh, for AT9
235000528	\$10.00	Air Filter, black mesh, for AT12
235000529	\$10.00	Air Filter, black mesh, for AT18 & 18-MU
235000530	\$15.00	Air Filter, black mesh, for AT24 & 24-MU
235000531	\$25.00	Air Filter, black mesh, for AT36
235100063	\$25.00	Air Filter, black mesh, for AT36MU
2031506	\$10.00	Air Filter for CBB, 3-6,000 BTU/Hr
2031500	\$10.00	Air Filter for CBB, 12,000 BTU/Hr
2031518	\$10.00	Air Filter for CBB, 15-18,000 BTU/Hr

Micro-Particle Air Filters

235000625	\$23.00	Micro-Particle Air Filter, AT4, 8"W x 8"H
235000626	\$23.00	Micro-Particle Air Filter, AT6, 8.25"W x 8"H
235000627	\$31.00	Micro-Particle Air Filter, AT9, 10"W x 10"H
235000628	\$37.00	Micro-Particle Air Filter, AT12, 12"W X 10"H
235000629	\$55.00	Micro-Particle Air Filter, AT15-18, 13.5"W X 13"H
235000630	\$68.00	Micro-Particle Air Filter, AT24, 16"W X 15.5"H

Custom Micro-Particle filters are Available

**If interested in these items, please contact your Cruisair Sales Representative.

Note: Minimum custom filter order quantity = 50

Aux. Heater Assemblies for AT's

264200021	\$525.00	CHL CHSR 1KW AT6LH-CVR 230V
264400511	\$525.00	CHL CHSR 1KW AT6RH-CVR 115V
264400510	\$525.00	CHL CHSR 1KW AT6RH-CVR 230V
264400513	\$525.00	CHL CHSR 1KW AT9LH-CVR 115V
264400514	\$525.00	CHL CHSR 1KW AT9RH-CVR 115V
264400512	\$525.00	CHL CHSR 1KW AT9RH-CVR 230V
264400529	\$575.00	CHL CHSR 1.5KW AT9LH-CVR 115V
264400508	\$575.00	CHL CHSR 1.5KW AT9LH-CVR 230V
264400530	\$575.00	CHL CHSR 1.5KW AT9RH-CVR 115V
264400528	\$575.00	CHL CHSR 1.5KW AT9RH-CVR 230V
264400509	\$600.00	CHL CHSR 2KW AT9LH-CVR 230V
264400516	\$525.00	CHL CHSR 1KW AT12RH-CVR 115V
264400515	\$525.00	CHL CHSR 1KW AT12RH-CVR 230V
264400533	\$575.00	CHL CHSR 1.5KW AT12LH-CVR 115V
264400531	\$575.00	CHL CHSR 1.5KW AT12LH-CVR 230V
264400534	\$575.00	CHL CHSR 1.5KW AT12RH-CVR 115V
264400532	\$575.00	CHL CHSR 1.5KW AT12RH-CVR 230V
264400507	\$600.00	CHL CHSR 2KW AT12LH-CVR 230V

Aux. Heater Assemblies for AT's (continued)

Item	List Price USD	Description
264400518	\$525.00	CHL CHSR 1KW AT18LH-CVR 115V
264400519	\$525.00	CHL CHSR 1KW AT18RH-CVR 115V
264400517	\$525.00	CHL CHSR 1KW AT18RH-CVR 230V
264400535	\$575.00	CHL CHSR 1.5KW AT18LH-CVR 230V
264400537	\$575.00	CHL CHSR 1.5KW AT18RH-CVR 115V
264400536	\$575.00	CHL CHSR 1.5KW AT18RH-CVR 230V
264400502	\$600.00	CHL CHSR 2KW AT18LH-CVR 230V
264400553	\$675.00	CHL CHSR 3KW AT18RH-CVR 230V
264400522	\$525.00	CHL CHSR 1KW AT24LH-CVR 115V
264400520	\$525.00	CHL CHSR 1KW AT24LH-CVR 230V
264400523	\$525.00	CHL CHSR 1KW AT24RH-CVR 115V
264400521	\$525.00	CHL CHSR 1KW AT24RH-CVR 230V
264400540	\$575.00	CHL CHSR 1.5KW AT24LH-CVR 115V
264400538	\$575.00	CHL CHSR 1.5KW AT24LH-CVR 230V
264400541	\$575.00	CHL CHSR 1.5KW AT24RH-CVR 115V
264400539	\$575.00	CHL CHSR 1.5KW AT24RH-CVR 230V
264400548	\$600.00	CHL CHSR 2KW AT24LH-CVR 115V
264400546	\$600.00	CHL CHSR 2KW AT24LH-CVR 230V
264400549	\$600.00	CHL CHSR 2KW AT24RH-CVR 115V
264400547	\$600.00	CHL CHSR 2KW AT24RH-CVR 230V
264400526	\$525.00	CHL CHSR 1KW AT36LH-CVR 115V
264400524	\$525.00	CHL CHSR 1KW AT36LH-CVR 230V
264400527	\$525.00	CHL CHSR 1KW AT36RH-CVR 115V
264400525	\$525.00	CHL CHSR 1KW AT36RH-CVR 230V
264400544	\$575.00	CHL CHSR 1.5KW AT36LH-CVR 115V
264400542	\$575.00	CHL CHSR 1.5KW AT36LH-CVR 230V
264400545	\$575.00	CHL CHSR 1.5KW AT36RH-CVR 115V
264400543	\$575.00	CHL CHSR 1.5KW AT36RH-CVR 230V
264400552	\$750.00	CHL CHSR 3KW AT36LH-CVR 230V

Notes:

1. All Chill Chasers listed above include Heater Cover.
2. Each Chill Chaser is unique to the Unit Capacity, Voltage, and Valve (whether right or left)

Aux. Heater Parts

4201200	\$89.00	Heat Element for AT's, rectangular, 1KW, 120V
4200700	\$89.00	Heat Element for AT's, rectangular, 1KW, 240V
4201100	\$89.00	Heat Element for AT's, rectangular, 1 5KW, 120V
4200800	\$89.00	Heat Element for AT's, rectangular, 1 5KW, 240V
4201000	\$89.00	Heat Element for AT's, rectangular, 2KW, 120V
4200900	\$89.00	Heat Element for AT's, rectangular, 2KW, 240V
335871	\$41.00	Overload Thermal, Man-reset, 160F (Slimlines)
4120034	\$44.00	Overload Thermal, Man-reset, 240F (AT, ABL, ATL, ATV)
4120037	\$31.00	Overload Thermal, Auto-reset, 240F (AT, ABL, ATL, ATV)

SMX Parts

A-288T	\$300.00	Replacement SMX II-HV TW Power/Logic (small) Board, 115/230V
722300288	\$275.00	Dual-Purpose Replacement SMXII-HV Power Logic Board A-288D
A-281T	\$320.00	Replacement SMX II TW Power/Logic Board, 115/230V
A-282NT	\$445.00	Replacement SMX Net TW Power/Logic Board, 115/230V
A-556	\$31.00	MOV Surge Suppressor
A-548	\$35.00	Replacement TO-3 Triac
4280000	\$1,210.00	VSD Circuit Board

Rotary Switch Parts

4060703	\$75.00	Thermostat, 10' Bulb
4023500	\$38.00	Switch, 3 Position, Rotary
A-4215	\$85.00	Rotary Fan Speed Control, 115V
A-4216	\$77.00	Rotary Fan Speed Control, 230V

Pump Seal Kits

<u>Item</u>	<u>List Price USD</u>	<u>Description</u>
333990	\$73.00	Seal Kit, Pump #s 67-68 (PS1500-2200BX)
330071	\$119.00	Seal Kit, Pump #s 72, 78
333169	\$210.00	Seal Kit 125, for Pump #s 17, 121, 122 1.25"
332068	\$265.00	Seal Kit 150 CW 1.5"
333483	\$870.00	Seal Kit 150 SW 1.5"

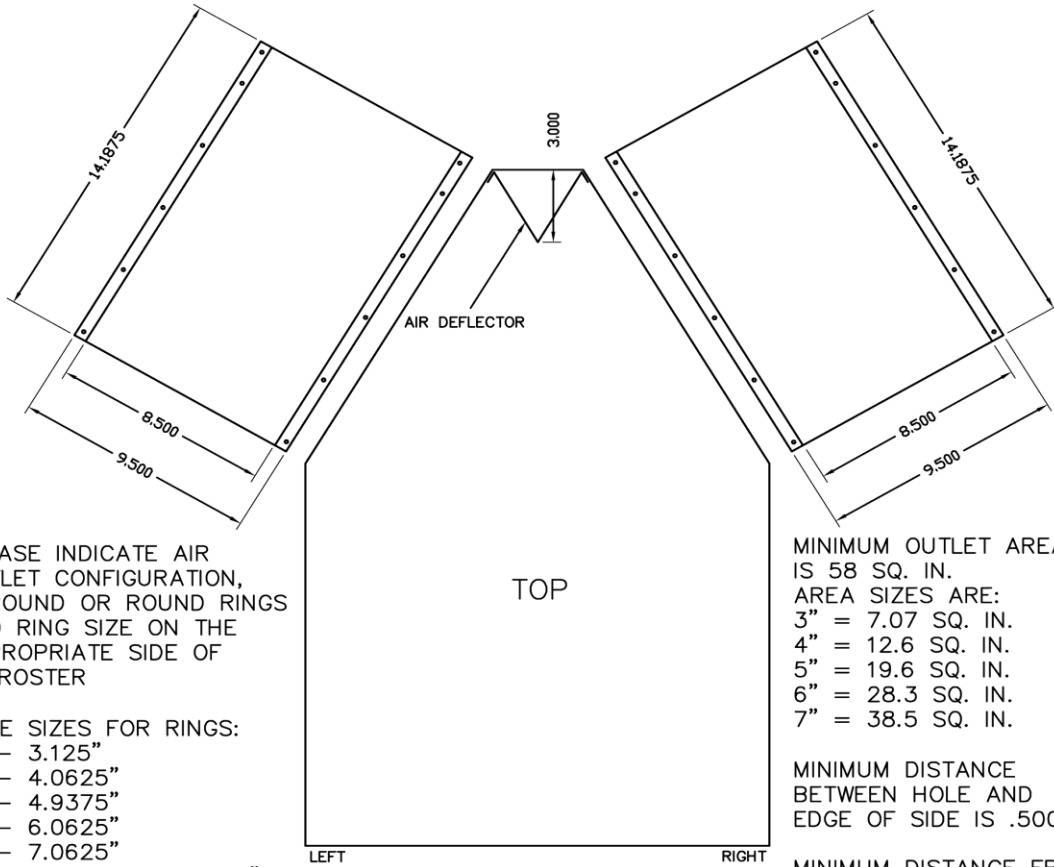
Note: Seals have been changed through the years, so check the dataplate on the pump or measure the seal diameter to make sure that you order the correct seal kit.

Pump Impellers

333992	\$184.00	2.5" Implr for pump #67-68
333997	\$184.00	3" Implr for pump #67-68
333995	\$184.00	3.5" Implr for pump #67-68
330282	\$179.00	2.75" Implr for pump #72
330069	\$245.00	3.5" Implr for pump #72
330283	\$245.00	3.75" Implr for pump #72
1038099	\$375.00	4" Implr for pump #72
330349	\$245.00	3.5" Implr for pump #78
330353	\$245.00	4" Implr for pump #78
332597	\$193.00	4.75" Implr for pump #78
335141	\$865.00	3.5" Implr for pump #17 SW/CW
334747	\$950.00	4.5" Implr for pump #17 SW/CW
334650	\$1,070.00	4.75" Implr for pump #121 SW/CW
1014000	\$1,155.00	5.12" Implr for pump #121 SW/CW

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REV	DATE	REVISION DESCRIPTION	DWG	APR



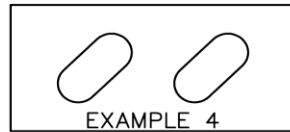
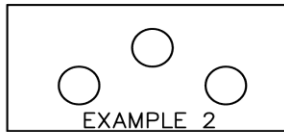
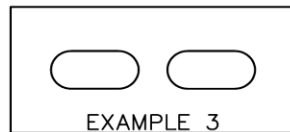
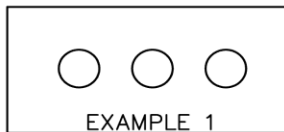
PLEASE INDICATE AIR OUTLET CONFIGURATION, OBOURND OR ROUND RINGS AND RING SIZE ON THE APPROPRIATE SIDE OF DEFROSTER

- HOLE SIZES FOR RINGS:
- 3" - 3.125"
 - 4" - 4.0625"
 - 5" - 4.9375"
 - 6" - 6.0625"
 - 7" - 7.0625"
 - 5" OB - 6.375" X 2.250"
 - 6" OB - 7.250" X 3.250"
 - 7" OB - 9.0625" X 3.250"

MINIMUM OUTLET AREA IS 58 SQ. IN.
 AREA SIZES ARE:
 3" = 7.07 SQ. IN.
 4" = 12.6 SQ. IN.
 5" = 19.6 SQ. IN.
 6" = 28.3 SQ. IN.
 7" = 38.5 SQ. IN.

MINIMUM DISTANCE BETWEEN HOLE AND EDGE OF SIDE IS .500"

MINIMUM DISTANCE FROM HOLE EDGE TO HOLE EDGE IS .250"



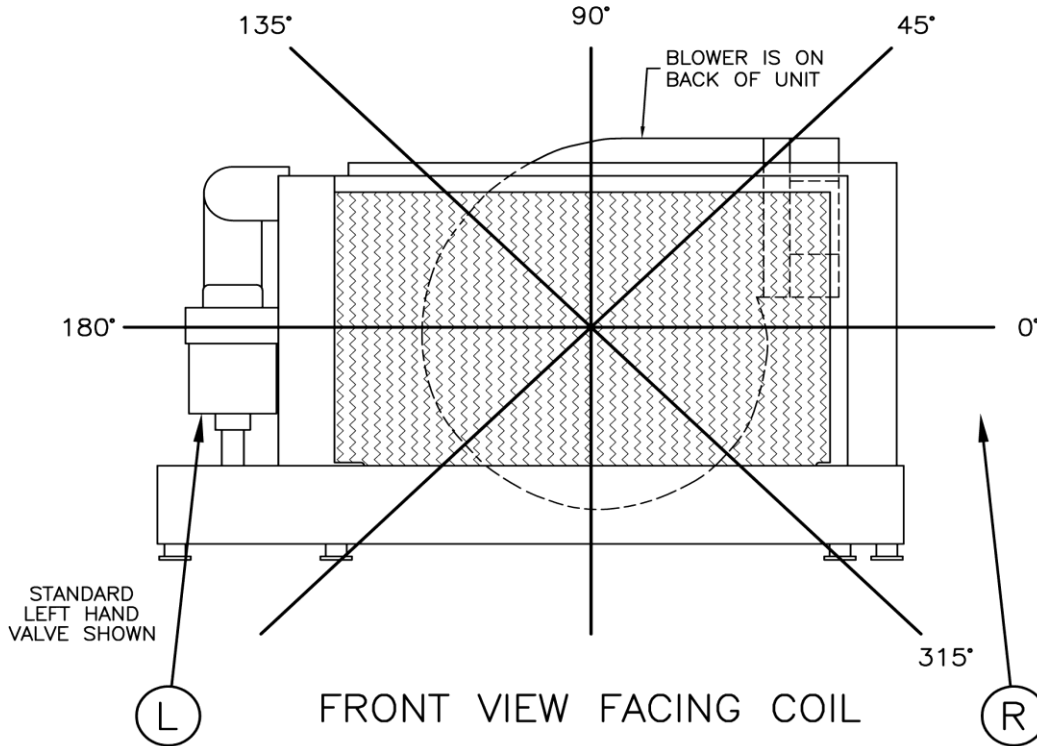
CUSTOMER SIGN OFF	
DATE:	_____
COMPANY NAME:	_____
YACHT MODEL:	_____
SIGNATURE:	_____
PRINT NAME:	_____

Dometic Corporation		Cruisair	
HBUF-1.5 DUCTING RING LOCATION AND CONFIGURATION			
DATE: 12/17/04	DWG BY: DRR	PART NUMBER: N/A	DWG C6020002
SCALE: 1:10	APR BY: CKD		REV O.I.

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REV	DATE	REVISION DESCRIPTION	DWG	APR
B	4/16/02	UPDATE PROPRIETARY NOTE, ADD REV BLK, CAD226-02	DRR	JES
C	7/15/04	REMOVED 225° AND 270° REFERENCES, CAD474-04	DRR	JES
D	1/10/05	MAKE DRAWING GENERIC FOR MAS & CRUISAIR, CAD029-05	DRR	JES

Air Handler discharge location will be indicated by an angle. The valve location will be indicated by an 'R' or an 'L'. For example: AT9HVZ R135. The 'R' means that the valve is on the right as one faces the coil. The '135' means that the blower is rotated 135 degrees counterclockwise as one faces the coil. Note that standard Air Handlers are 'L0' - the valve is on the left, and the blower is at zero degrees or pointing right as one faces the coil (see diagram). 'L0' will not appear in descriptions because it is the standard, all other orientations get full description. "NO VALVE" units still use "R" or "L" to indicate location of connections.



CUSTOMER SIGN OFF	
DATE:	_____
COMPANY NAME:	_____
YACHT MODEL:	_____
SIGNATURE:	_____
PRINT NAME:	_____
VALVE:	ROTATION: _____

Dometic Corporation			
CUSTOM AIR HANDLERS - CUSTOMER SIGN OFF			
BLOWER ROTATION ANGLE & WATER VALVE LOCATION			
DATE: 12/10/98	DWG BY: RMW	PART NUMBER:	DWG
SCALE: 1/6	APR BY: E S	N/A	H3050002
			REV D

PRODUCT CANCELLATION POLICY

Dometic Environmental manufactures a broad range of products that are made available to our extensive customer base in two distinct categories:

1. The majority of our sales volume is derived from products that are ordered on a consistent basis and therefore are placed into our Stocking Profile Matrix (SPM). These items are classified as Standard/Stock because we generally have multiple customers for like items and we produce these products on a continuous basis.
2. We also offer for sale, a wide variety of products that do not meet the criteria for SPM but we have established part numbers along with current pricing for them. These products are manufactured as the result of a specific customer's request and are only built to order. To distinguish between SPM products and these products, we classify them in our computer system as Active Special Order. So that we continue to meet the demands of all customers and stay flexible with our manufacturing mix, these products are only built to order.

In order to ensure that we make the best use of our resources, we find it necessary to establish a firm order cancellation policy and in some cases request a deposit before an order is started in manufacturing.

Any product ordered that is categorized as “active special order” will be considered non-cancellable. In addition, we **reserve the right to request a deposit on any order that contains items that are designated as “active special order”.** The status of all parts can be viewed on the E-Dometic website at anytime.

How does this work? Once the order is acknowledged, a deposit is received (if requested) and the parts ordering/manufacturing process is started, these items are non-cancellable.

An exception to the above is the process for Custom Wood Grilles and Custom Plenums. These items can be cancelled up to 5 business days prior to scheduled ship date.

Definitions:

- | | | |
|----|----------------------------------|--|
| 1. | Stocking Profile (A) | Products that are regularly sold and have activity at least 70% of the past 12 months or 100% of the past 3 months. (will show Active in the computer) |
| 2. | Active Saleable (A) | All items sold or used at least four out of the past twelve months. |
| 3. | Active Special Order (AS) | All items sold or used less than four out of the past twelve months. Items being replaced or no longer used in production. Active Special Order is also specified as a product that only has one customer. |
| 4. | Obsolete (K) | Items with no history in the past eighteen months. |

All order confirmations clearly indicate if an item ordered is a special order. If you buy direct from Dometic you have access to our E-Dometic site that shows the status of all parts. If you purchase through a Dealer or Distributor please contact them in advance of placing your order if you are uncertain about the status of the part you are ordering and have them confirm status for you.



Dometic Corporation, Environmental Division

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Website: www.cruisair.com • Email: sales@cruisair.com