


PART NUMBER		DESCRIPTION								FLAGSHIP MARINE, INC.	
20173-001		ASSEMBLY, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC, 240V									REV. JONE DESCRIPTION DATE ENG APPROVAL
20173-002		ASSEMBLY, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC, 460V									06 - FM4021 WAS FM4015 4/4/2015 -
											07 - MULTIPLE CHANGES 10/22/2015 -
											08 - ADDED 4090 12/4/2015 -
54	80193-001	WELDMENT, BASE, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	27	60343-001	MOTOR, 2HP, 1755RPM, 3PH, 60HZ, 1.45T, 3530M, TEFC, F1, 7/8" SHAFT	2	2		
53	70657-002	FABRICATION, BRACKET, FILTER DRIER, CHILLER, FM360CW	2	2	26	60328-001	COMPRESSOR, SCROLL, 3PH, 60 Hz, 460V, 1.25K BTU DUAL REFR [R22, 407C] ZR125 SERIES	-	1		
52	70654-001	FABRICATION, BRACKET, EVAPORATOR, CHILLER, FM60CW	1	1	25	60319-001	COMPRESSOR, SCROLL, 3PH, 60 Hz, 230, ZR125 series	1	-		
51	70629-001	FABRICATION, PANEL, ACCESS, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	24	60227-001	CONDENSER, 7200 MBTU, 17.50HX18.00W, X 6 ROW	4	4		
50	70628-001	FABRICATION, BRACKET, ENCLOSURE, LOW VOLTAGE, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM40CWAC	1	1	23	60206-001	EVAPORATOR, CHILLED WATER, FM120CW, 60 PL	1	1		
49	70626-012	FABRICATION, PANEL, CLOSURE, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	22	60156-002	GRILL, 3/8" WIRE SPACE, 4" CNTR PLATE, 11ga (.120) SPIRAL, (8), 1.87 SPOKES 316SS, MT HOLES #8	2	2		
48	70626-011	FABRICATION, PANEL, CLOSURE, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	21	60146-001	FAN, 6000CFM, 1.1H2O, 2HP, 22/4-4/P5ZR/37.5/PA/0.875/0.187/BR/JA, 1728 RPM	2	2		
47	70625-002	FABRICATION, PANEL, ACCESS, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	20	60142-001	GROMMET, SNAP-IN SEALING, 1 1/4" PIPE, FITS 1.62"-1.75" PIPE DIA.	2	2		
46	70548-002	FABRICATION, LID, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	19	60120-001	CONDUIT CONNECTOR, 3/4" METAL, STRAIGHT, ZINC DIECAST	2	2		
45	70547-001	FABRICATION, PANEL, BIVECTOR, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	18	60088-001	SWITCH, HEAT/COOL, LEGEND PLATE	1	1		
44	70546-002	FABRICATION, PANEL, CORNER, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	17	60087-001	SWITCH, ON/OFF, LEGEND PLATE	1	1		
43	70546-001	FABRICATION, PANEL, CORNER, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC	1	1	16	60086-001	SWITCH, LEGEND PLATE HOLDER	2	2		
42	70545-002	FABRICATION, PANEL, CORNER, SELF CONTAINED, AIR COOLED, FM120CWAC	1	1	15	60084-001	SWITCH, ON/OFF, W/ K10 CONTACTOR	2	2		
41	70545-001	FABRICATION, PANEL, CORNER, SELF CONTAINED, AIR COOLED, FM120CWAC	1	1	14	60081-001	CATCH-ALL DRIER 5/8 ODF SOLDER	1	1		
40	70448-002	FABRICATION, PANEL, FAN, SELF CONTAINED, AIR COOLED, FM120AC	1	1	13	60071-001	STANDOFF, .385 ID X 1.406 OD X 1.00 THK, 70 DURO EPDM BLACK	4	4		
39	60827-001	NIPPLE, 1-1/4 X 3, 304 SS	2	2	12	60070-001	WASHER, .385 ID X 1.406 OD X .25 THK, 60 DURO EPDM BLACK	4	4		
38	60823-001	COUPLING, BANDED, 1-1/4, 304 SS	2	2	11	40131-001	FITTING, TEMP SENSOR WELL, CTRL	1	1		
37	60655-001	NUT, 3/8-16 FINISH NUT, 18-8 SS	8	8	10	40109-001	NUT, 1JLR4, SERVICE VALVE HI/LOW, BRN 1/2x1/8"	4	4		
36	60637-001	WASHER, 3/8 SPLIT LOCK, 18-8 SS	8	8	9	40101-001	VALVE, THRU BHD FITTING, 1/4", SERVICE	4	4		
35	60636-001	WASHER, REGULAR FLAT TYPE B, # 10 X .2031D X .562"OD X .04"THK, 410 SS	24	24	8	40090-001	VALVE, EXPANSION, BALANCED PORT, 10-TON, 5/8" X 7/8" ODF, R22	1	1		
34	60534-001	WASHER, 3/8 X 1 1/4 FENDER WASHER, 18-8 SS	8	8	7	40021-001	REVERSING VALVE LESS COIL, V10-418140-170, RANCO, 120K	1	1		
33	60531-001	RIVET, 3/16" DIA., .126-.250" GRIP RANGE TS, SS	64	64	6	30139-001	CONNECTOR, 90 DEGREE PVC LIQUID-TIGHT, 1/2 NM TYPE B CONDUIT	2	2		
32	60527-001	SELF TAP, #8 X 1/2 HWH SELF DRILL 18-8 SS	10	10	5	30100-001	CONTROLLER, RANCO 24V	1	1		
31	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS	86	86	4	20800-002	ASSEMBLY, LOUVER PANEL, SELF CONTAINED, AIR COOLED, 36K BTU	4	4		
30	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS	4	4	3	20568-001	ASSEMBLY, BRACKET, HALF ROUND BAR, 3/4", FREEZE CONTROL MOUNTING	1	1		
29	60508-001	LABEL, LOW PRESSURE, INDICATOR	1	1	2	20191-001	ASSEMBLY, CONTROL BOX, CHILLER, SINGLE COMPRESSOR, 230/1/60, UNIVERSAL	1	1		
28	60487-001	LABEL, HIGH PRESSURE, INDICATOR	1	1	1	20014-001	MONITOR, CHILLER, FLAGSHIP MARINE	1	1		

ITEM NO.	PART NUMBER	DESCRIPTION	001/QTY.	002/QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	001/QTY.	002/QTY.					
FLAGSHIP MARINE, INC. BILL OF MATERIALS					FLAGSHIP MARINE, INC. BILL OF MATERIALS									
 <p>FLAGSHIP MARINE, INC. 2627 SE DIXIE HIGHWAY STUART, FLORIDA 34996 USA (772) 283-1497 (800) 314-4628 FAX (772) 283-4611</p> <p>PROPRIETARY AND CONFIDENTIAL THIS DOCUMENT CONTAINS INFORMATION PROPRIETARY TO FLAGSHIP MARINE, INC. NO PART MAY BE REPRODUCED, USED IN ANY FORM, OR STORED ELECTRONICALLY WITHOUT THE WRITTEN PERMISSION OF FLAGSHIP MARINE, INC.</p>					<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/32 ANG. MACH ± 90 BEND ± 2° DECIMALS .XX ± 0.1 XXX ± .005 HOLE Ø .XX ± .005</p> <p>INTERPRET GEOMETRIC TOLERANCING PER ASME Y14.5M</p> <p>MATERIAL</p> <p>FINISH</p> <p>APPLICATION</p> <p>DO NOT SCALE DRAWING</p>					<p>DRAWN SWC 0/16/2009</p> <p>CHECKED TCM</p> <p>ENG APPR. TCM</p> <p>MFG APPR. TCM</p> <p>Q.A. EAS</p> <p>PERP STRAIGHTNESS .003/IN</p> <p>FLATNESS .005/IN</p> <p>THREADS:</p> <p>EXTERNAL - CLASS 2A</p> <p>INTERNAL - CLASS 2B</p> <p>MACHINED SURFACES: √ U.O.S</p>				
<p>2. PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).</p> <p>1. DIMENSIONING & TOLERANCING PER ASME Y14.5M.</p> <p>NOTES:</p>					<p>TITLE: ASSEMBLY, SELF CONTAINED, AIR COOLED, CHILLER UNIT, FM120CWAC</p> <p>PART NO. 20173-0XX</p> <p>SIZE DWG. NO. B FM20173 REV 08</p> <p>OLD PART NO. -</p> <p>SCALE: 1:16 WGT: 931.71 LBS SHEET 1 OF 2</p>									

