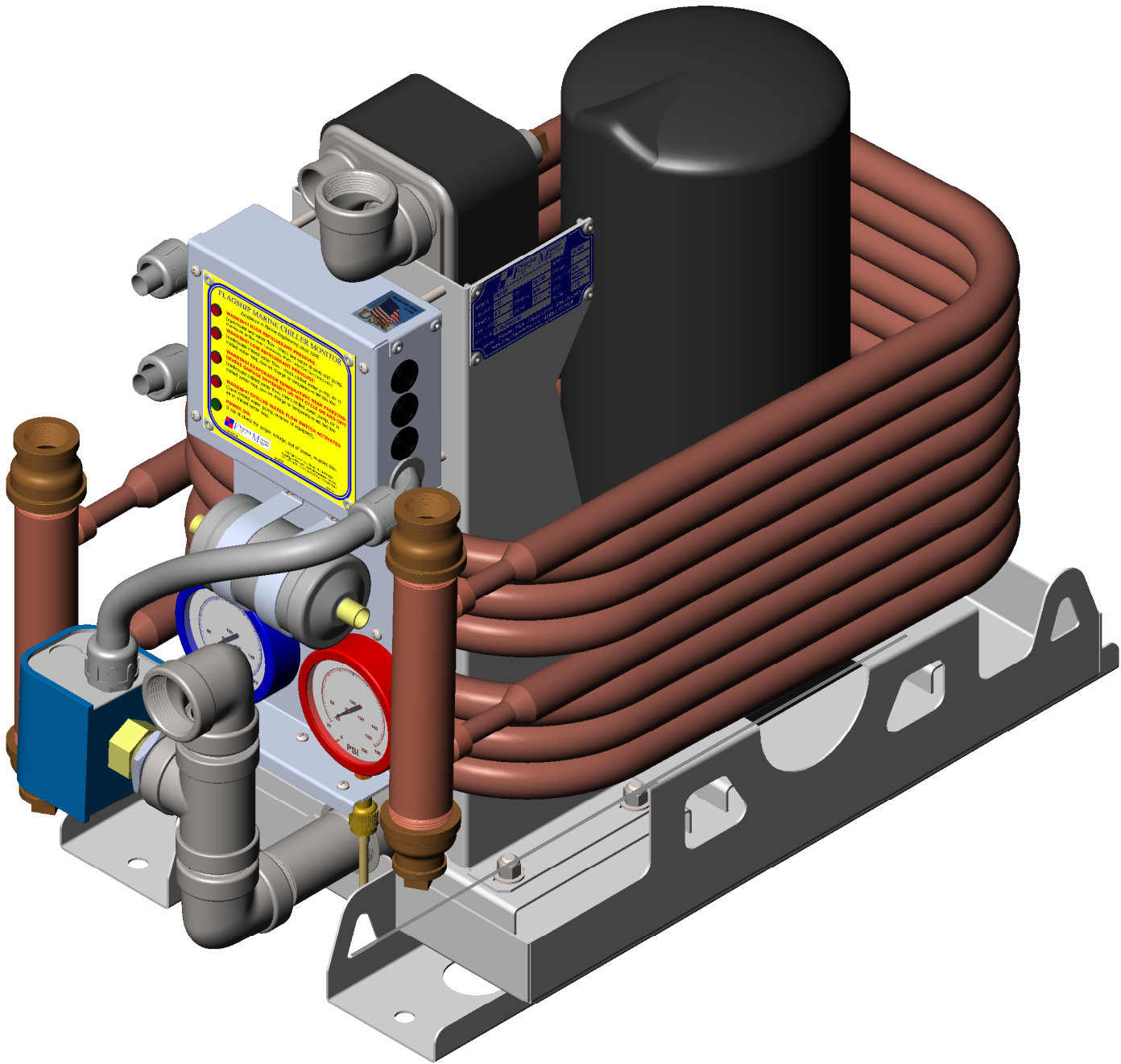


D

C

B

A



208-230V/1PH/60HZ SHOWN
ADDITIONAL ELECTRICAL CONFIGURATIONS AVAILABLE
(208-230V/3PH/60HZ - 460V/3PH/60HZ - 380V/3PH/50HZ)
ALL EQUIPMENT OPTIONS SHOWN FOR CLAIRITY
(GUAGES / MANIFOLDS / REVERSE CYCLE)

2. PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).

1. DIMENSIONING & TOLERANCING PER ASME Y14.5M.

NOTES:



FLAGSHIP MARINE, INC.
2427 SE DIXIE HIGHWAY
STUART | FLORIDA | 34996 | USA
(772) 283-1609 | (800) 316-6426
FAX (772) 283-4611

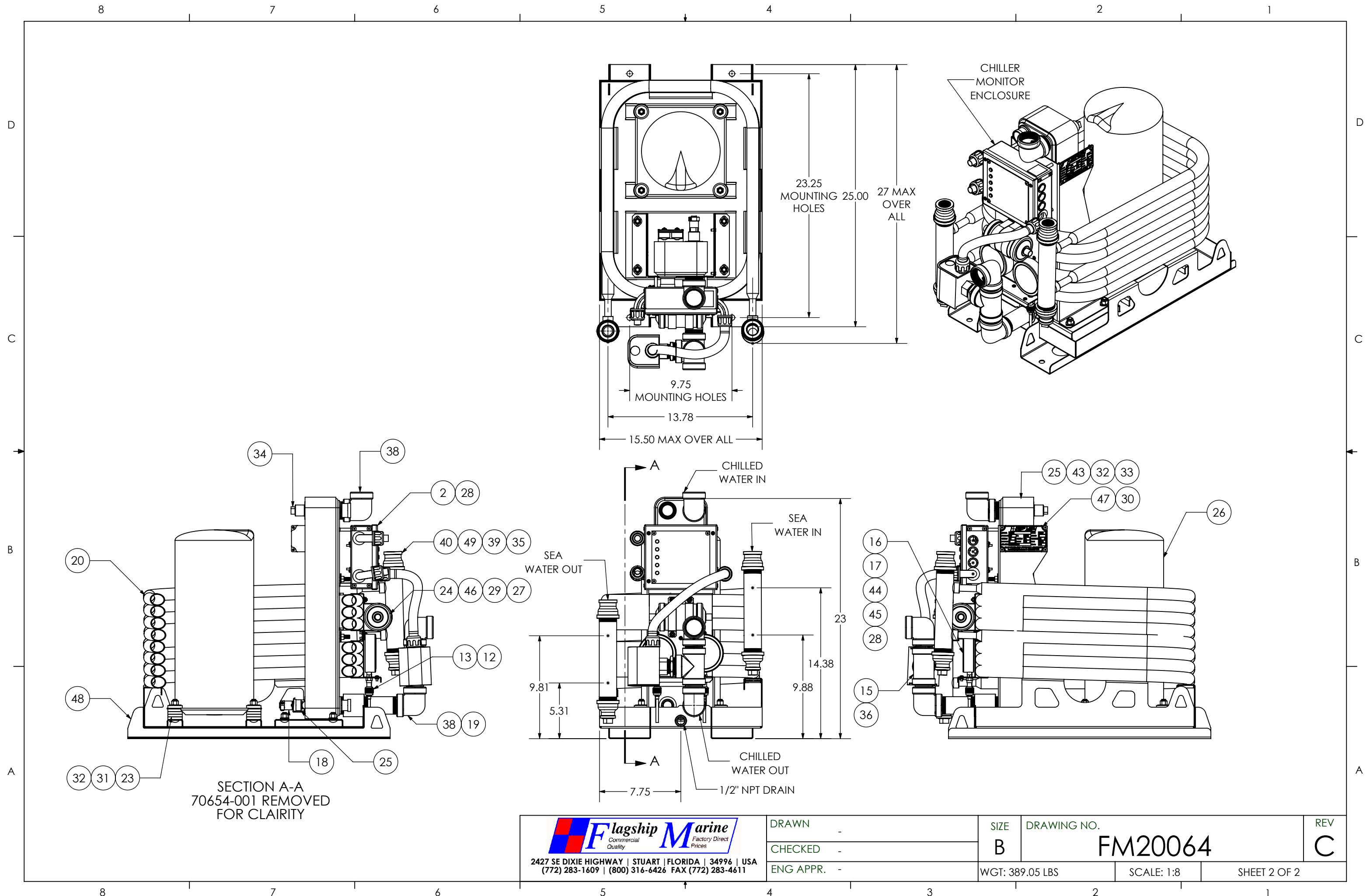
PROPRIETARY AND CONFIDENTIAL

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.

-	-	UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: ASSEMBLY, CHILLER, FM60CW	
-	-	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/32 ANG: MACH ± 0°30' BEND ± 2° DECIMALS .XX ± .01 .XXX ± .005 HOLE Ø .XX ± .005	DRAWN	SWC	2/4/2011		
-	-	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M	CHECKED	TCM	-		
-	-	MATERIAL	ENG APPR.	TCM	-		
-	-	FINISH	MFG APPR.	TCM	-	PART NO. 20064-001	
NEXT ASSY	USED ON		Q.A.	EAS	-		
APPLICATION		DO NOT SCALE DRAWING	PERP STRAIGHTNESS FLATNESS THREADS: EXTERNAL - CLASS 2A INTERNAL - CLASS 2B MACHINED SURFACES: $\sqrt{\text{U.O.S}}$	± =	.003/IN .005/IN .005/IN	SIZE B	DWG. NO. FM20064
						REV C	
						OLD PART NO. -	
						SCALE: 1:4	WGT: 389.05 LBS
						SHEET 1 OF 2	

FLAGSHIP MARINE, INC.				
REV.	ZONE	DESCRIPTION	DATE	ENG APPROVAL
A	-	RELEASED FOR MANUFACTURING	1/12/2015	-
B	-	MULTIPLE UPDATES	10/3/2017	-
C	-	UPDATED DESCRIPTION FOR 60124	10/19/2017	-

49	2	80280-001	WELDMENT, MANIFOLD, CuNi, (1) SET, 48-72K CHILLERS
48	1	80264-001	WELDMENT, BASE, CHILLER, FM24CW - FM84CW
47	1	71000-001	DETAIL, PLATE, SERIAL NUMBER TAG, FLAGSHIP MARINE
46	2	70657-001	FABRICATION, STRAP, FILTER DRIER, CHILLER, FM360CW
45	1	70656-001	FABRICATION, BRACKET, LIQUID GAUGE & FILTER DRIER, CHILLER, FM48CW & FM60CW
44	1	70655-001	FABRICATION, PANEL, LIQUID GAUGE & FILTER DRIER, CHILLER, FM48CW & FM60CW
43	1	70654-001	FABRICATION, BRACKET, EVAPORATOR, CHILLER, FM60CW
42	A/R	61000-001	INSULATION, 1/8" FOAM PEEL AND STICK
41	A/R	60998-001	TAPE, CORK ROLL, 30"x2"
40	2	60837-001	COUPLING, REDUCING, 1 1/4 X 1, BRONZE
39	2	60836-001	COUPLING, REDUCING, 1 1/4 X 3/4, BRONZE
38	3	60824-001	ELBOW, 90 DEG, 1 1/4 FEMALE X 1 1/4 FEMALE, 150 PSI, 304 SS
37	1	60821-001	NIPPLE, 1-1/4 X 4-1/2, 304 SS
36	2	60820-001	NIPPLE, 1-1/4 X CLOSE, 304 SS
35	2	60810-001	PLUG, 3/4 SQ. HD. CORED, BRONZE
34	1	60809-001	PLUG, 1/2 SQ. HD. CORED, BRONZE
33	4	60560-001	WASHER, 3/8" FINISH 18-8 SS
32	8	60539-001	NUT, 3/8-16 NYLON LOCK NUT 18-8 SS
31	4	60534-001	WASHER, 3/8 X 1 1/4 FENDER WASHER, 18-8 SS
30	4	60531-001	RIVET, 3/16" DIA. .126-.250" GRIP RANGE TS, SS
29	4	60526-001	NUT, #8-32 MACHINE SCREW NUT 18-8 SS
28	10	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS
27	4	60511-001	WASHER, #8 X 7/16"OD SAE FLAT WASHER 18-8 SS
26	1	60263-001	COMPRESSOR, SCROLL, 230/1/60, 80x370 RUN CAP, ZR54 SERIES
25	1	60205-001	EVAPORATOR, CHILLED WATER, 30 PLATE, FM48CW-FM72CW
24	1	60124-001	FILTER DRIER, 48K-72K, 1/2", LIQUID LINE, TYPE LLD164S
23	20	60070-001	WASHER, .385 ID X 1.406 OD X .25 THK, 60 DURO EPDM BLACK
22	2	60069-001	SWITCH, PRESSURE, OPEN (400) CLOSE (300)
21	1	60067-001	SWITCH, PRESSURE, OPEN (35) CLOSE (60)
20	2	50016-001	CONDENSER, LIQUID COOLED, CHILLER, w/REFRIGERANT MANIFOLDS, 24K-84K SERIES
19	1	40145-001	FITTING, COUPLING, BANDED, 1 1/4, STRAIGHT, 304 SS
18	1	40131-001	FITTING, TEMP SENSOR WELL, CTRL.
17	1	40121-001	GAUGE, LOW PRESSURE, NU22 (R22)
16	1	40120-001	GAUGE, HI PRESSURE, NU22 (R22)
15	1	40115-001	FITTING, TEE, 1-1/4, MNPT, 304 SS
14	1	40114-001	FITTING, BUSHING, 1-1/4" MNPT X 1"FNPT, 304 SS
13	2	40107-001	VALVE, ACTUATOR, 1/4" QC X 1/8" FPT, BRASS
12	7	40102-001	VALVE, 1/4" STANDARD SERVICE, CAP W/RUBBER O-RING
11	1	40095-001	VALVE, EXPANSION, CHARGE ELEMENT AND CAP TUBE, 2-6 TON, KT43VGA
10	1	40085-001	VALVE, EXPANSION, EXT. BALANCED, 2-5 1/2-TON, R22/R410a, SBQEBODY3X4
9	1	40080-001	ORIFICE CARTIDGE, BALANCE PORT, WHITE, 3 1/4 - 5 1/2 TON (R22)/R410a
8	1	40030-001	LIQUID FLOW SWITCH, (1)SPDT, NEMA4, 1" - 8" PIPES
7	A/R	30230-001	LOOM, SPLIT-TYPE, BLUE TRACER, 1/2", 1100', M125-0120-A
6	A/R	30157-001	CONDUIT, LIQUID TIGHT, 1/2", GREY, NON-METALIC
5	1	30139-002	CONNECTOR, STRAIGHT PVC LIQUID-TIGHT, 1/2 NM TYPE B CONDUIT
4	3	30139-001	CONNECTOR, 90 DEGREE PVC LIQUID-TIGHT, 1/2 NM TYPE B CONDUIT
3	1	20568-001	ASSEMBLY, BRACKET, HALF ROUND BAR, 3/4", FREEZE CONTROL MOUNTING
2	1	20014-001	MONITOR, CHILLER, FLAGSHIP MARINE
1	1	20012-001	ASSEMBLY,CONTROL BOX, CHILLER, SINGLE COMPRESSOR, 230/1/60, UNIVERSAL



SECTION A-A
70654-001 REMOVED
FOR CLAIRITY

 2427 SE DIXIE HIGHWAY STUART FLORIDA 34996 USA (772) 283-1609 (800) 316-6426 FAX (772) 283-4611	DRAWN -	SIZE B	DRAWING NO. FM20064		REV C
	CHECKED -				
	ENG APPR. -	WGT: 389.05 LBS		SCALE: 1:8	SHEET 2 OF 2