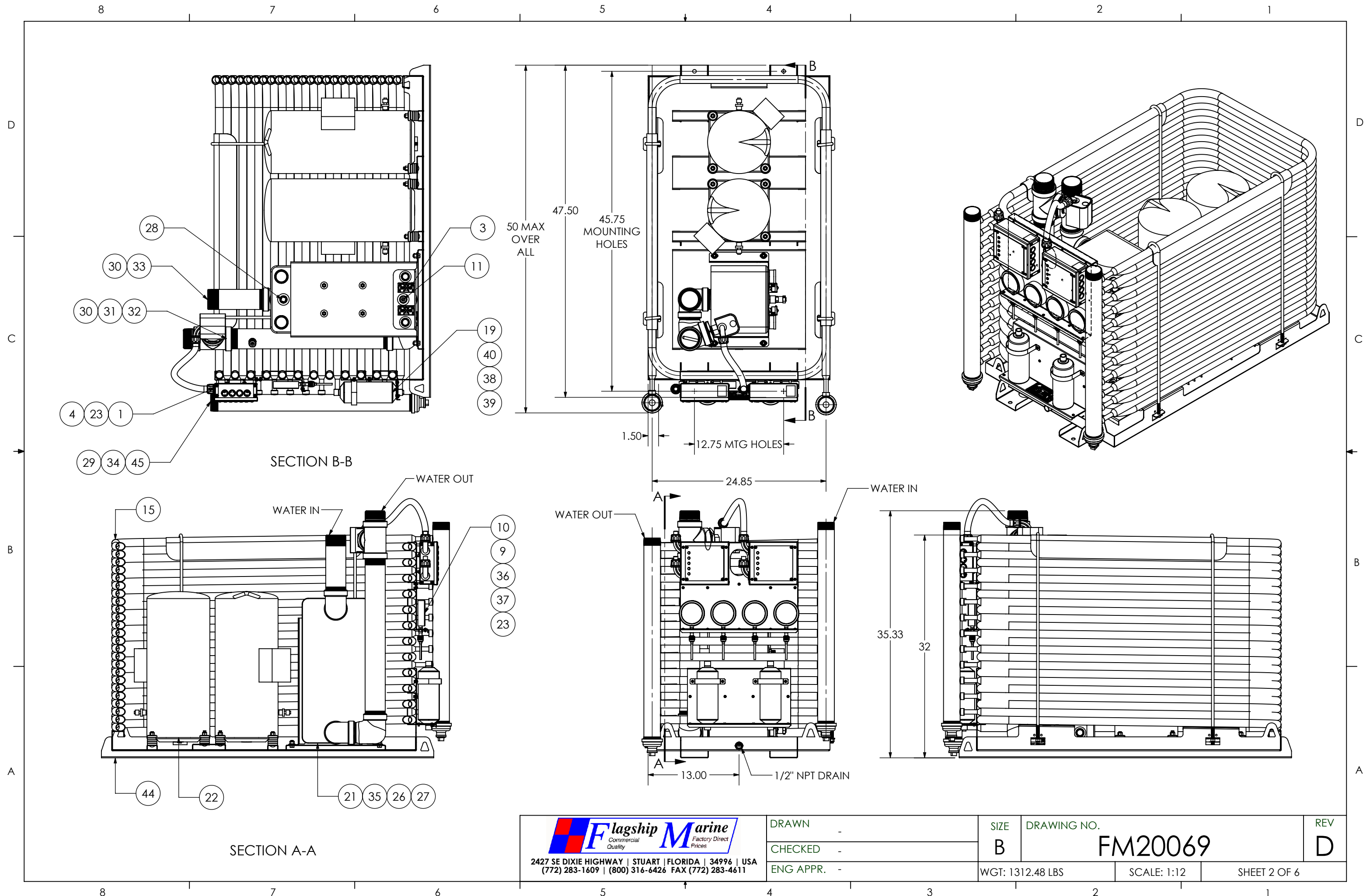




2. PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).
1. DIMENSIONING & TOLERANCING PER ASME Y14.5M.
NOTES:

A

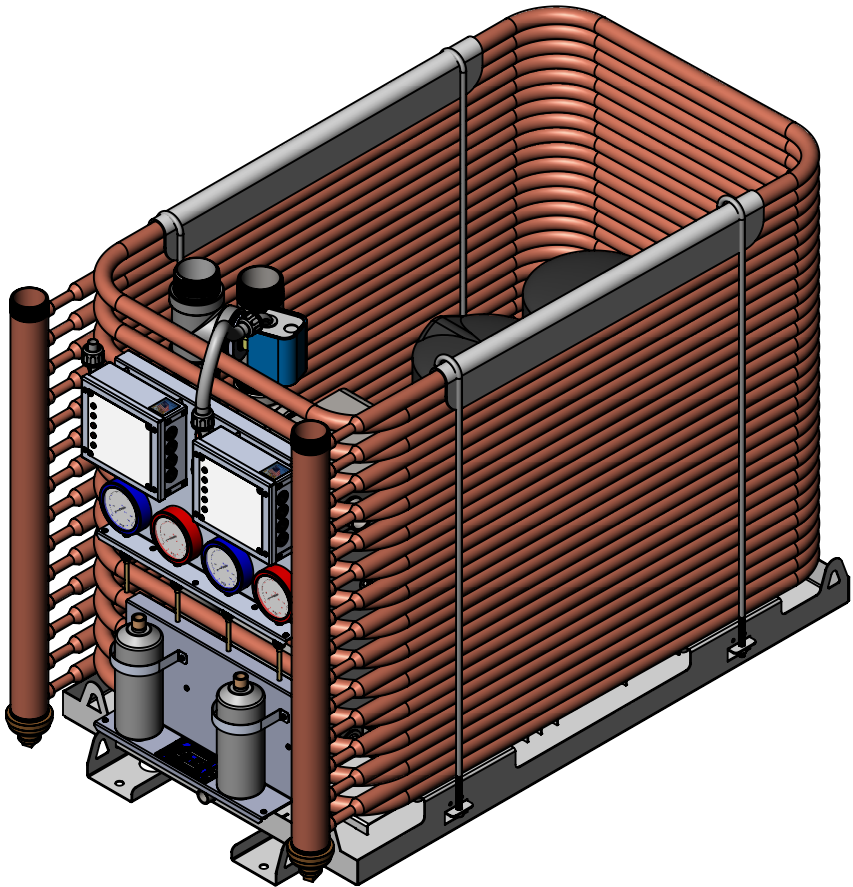


D

C

B

A



460V/3PH/60HZ SHOWN
ADDITIONAL ELECTRICAL CONFIGURATION AVAILABLE:
(230V/3PH/60HZ)
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:

46	80278-005	WELDMENT, MANIFOLD, FM360CW	2
45	80268-001	WELDMENT, BASE, CHILLER, FM240CW / FM360CW	1
44	71000-001	DETAIL, PLATE, SERIAL NUMBER TAG, FLAGSHIP MARINE	1
43	70756-002	FABRICATION, ROD, THREADED, RESTRAINT, CONDENSER	2
42	70756-001	FABRICATION, ROD, THREADED, RESTRAINT, CONDENSER	2
41	70752-002	FABRICATION, SADDLE, RESTRAINT, CONDENSER	2
40	70710-001	FABRICATION, STRAP, FILTER DRIER, CHILLER, FM360CW	2
39	70709-001	FABRICATION, BRACKET, FILTER DRIER, CHILLER, FM360CW	1
38	70708-001	FABRICATION, PANEL, FILTER DRIER, CHILLER, FM360CW	1
37	70707-001	FABRICATION, BRACKET, LIQUID GAUGE & LOW VOLTAGE ENCLOSURE, CHILLER, FM240CW / FM360CW	1
36	70706-001	FABRICATION, PANEL, LIQUID GAUGE & LOW VOLTAGE ENCLOSURE, CHILLER, FM240CW / FM360CW	1
35	70705-001	FABRICATION, BRACKET, EVAPORATOR, CHILLER, FM240CW / FM360CW	1
34	60840-001	COUPLING, REDUCING, 2 X 3/4, BRONZE	2
33	60835-001	NIPPLE PIPE, 2 1/2" X 9", 150 PSI, 304 SS	1
32	60834-001	NIPPLE PIPE, 2 1/2" X 24", 150 PSI, 304 SS	1
31	60832-001	ELBOW, STREET, 90 DEG, 2 1/2 FEMALE X 2 1/2 MALE, 150 PSI, 304 SS	1
30	60831-001	ELBOW, 90 DEG, 2 1/2 FEMALE X 2 1/2 FEMALE, 150 PSI, 304 SS	2
29	60810-001	PLUG, 3/4 SQ. HD. CORED, BRONZE	2
28	60809-001	PLUG, 1/2 SQ. HD. CORED, BRONZE	1
27	60560-001	WASHER, 3/8" FINISH 18-8 SS	4
26	60539-001	NUT, 3/8-16 NYLON LOCK NUT 18-8 SS	20
25	60534-001	WASHER, 3/8 X 1 1/4 FENDER WASHER, 18-8 SS	8
24	60531-001	RIVET, 3/16" DIA. .126-.250" GRIP RANGE TS, SS	4
23	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS	28
22	60274-001	COMPRESSOR, SCROLL, SERIES ZR144, 3PH, 60 Hz, 460V	2
21	60200-001	EVAPORATOR, CHILLED WATER, FM240CW & FM360CW	1
20	60186-002	FITTING, THREADED PIPE HALF COUPLING, TYPE 304 SS, 1/2 PIPE SIZE, 150 PSI	1
19	60082-001	CATCH-ALL DRIER 7/8" ODF SOLDER	2
18	60070-001	WASHER, .385 ID X 1.406 OD X .25 THK, 60 DURO EPDM BLACK	40
17	60069-001	SWITCH, PRESSURE, OPEN (400) CLOSE (300)	4
16	60067-001	SWITCH, PRESSURE, OPEN (35) CLOSE (60)	2
15	50015-001	FABRICATION, TUBING, CHILLER, FM360CW	14
14	40272-001	FITTING, NIPPLE, CLOSE, 2-1/2", 304 SS	1
13	40271-001	FITTING, BUSHING, 2-1/2"x1", 304 SS	1
12	40270-001	FITTING, TEE, 2-1/2", 304 SS	1
11	40131-001	FITTING, TEMP SENSOR WELL, CTRL.	2
10	40121-001	GAUGE, LOW PRESSURE, NU22 (R22)	2
9	40120-001	GAUGE, HI PRESSURE, NU22 (R22)	2
8	40107-001	VALVE, ACTUATOR, 1/4" QC X 1/8" FPT, BRASS	4
7	40102-001	VALVE, 1/4" STANDARD SERVICE, CAP W/RUBBER O-RING	14
6	40094-001	VALVE, EXPANSION, BALANCED PORT, 15-TON, 7/8" X 1 1/8" ODF, R22	2
5	40030-002	LIQUID FLOW SWITCH, (1)SPDT, NEMA4, 1" - 8" PIPES	1
4	30139-001	CONNECTOR, 90 DEGREE PVC LIQUID-TIGHT, 1/2 NM TYPE B CONDUIT	5
3	20568-001	ASSEMBLY, BRACKET, HALF ROUND BAR, 3/4", FREEZE CONTROL MOUNTING	2
2	20038-002	ASSEMBLY, CONTROL BOX, 208-230/3/60 - 460/3/60, HOFFMAN ENCLOSURE A20H1606ALLP, FM240CW & FM360CW	1
1	20014-001	MONITOR, CHILLER, FLAGSHIP MARINE	2
ITEM NO.	PART NUMBER	DESCRIPTION	20069-002/QTY.

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
-	-	DIMENSIONS ARE IN INCHES	DRAWN	SWC	5/11/2010
-	-	TOLERANCES:	CHECKED	TCM	-
-	-	FRACTIONS ± 1/32	ENG APPR.	TCM	-
-	-	ANG: MACH ± 0°30' BEND ± 2°	MFG APPR.	TCM	-
-	-	DECIMALS .XX ± .01	Q.A.	EAS	-
-	-	.XXX ± .005			
-	-	HOLE Ø .XX ± .005			
-	-	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M			
-	-	MATERIAL	PERP	⊥	.003/IN
-	-		STRAIGHTNESS	—	.005/IN
-	-		FLATNESS	≡	.005/IN
NEXT ASSY	USED ON	FINISH	THREADS:		
			EXTERNAL - CLASS 2A		
			INTERNAL - CLASS 2B		
			MACHINED SURFACES: √ 63/		U.O.S
		APPLICATION			
			DO NOT SCALE DRAWING		

TITLE:
**ASSEMBLY, CHILLER,
FM360CW-ED**

PART NO.
20069-002

SIZE
B

DWG. NO.
FM20069

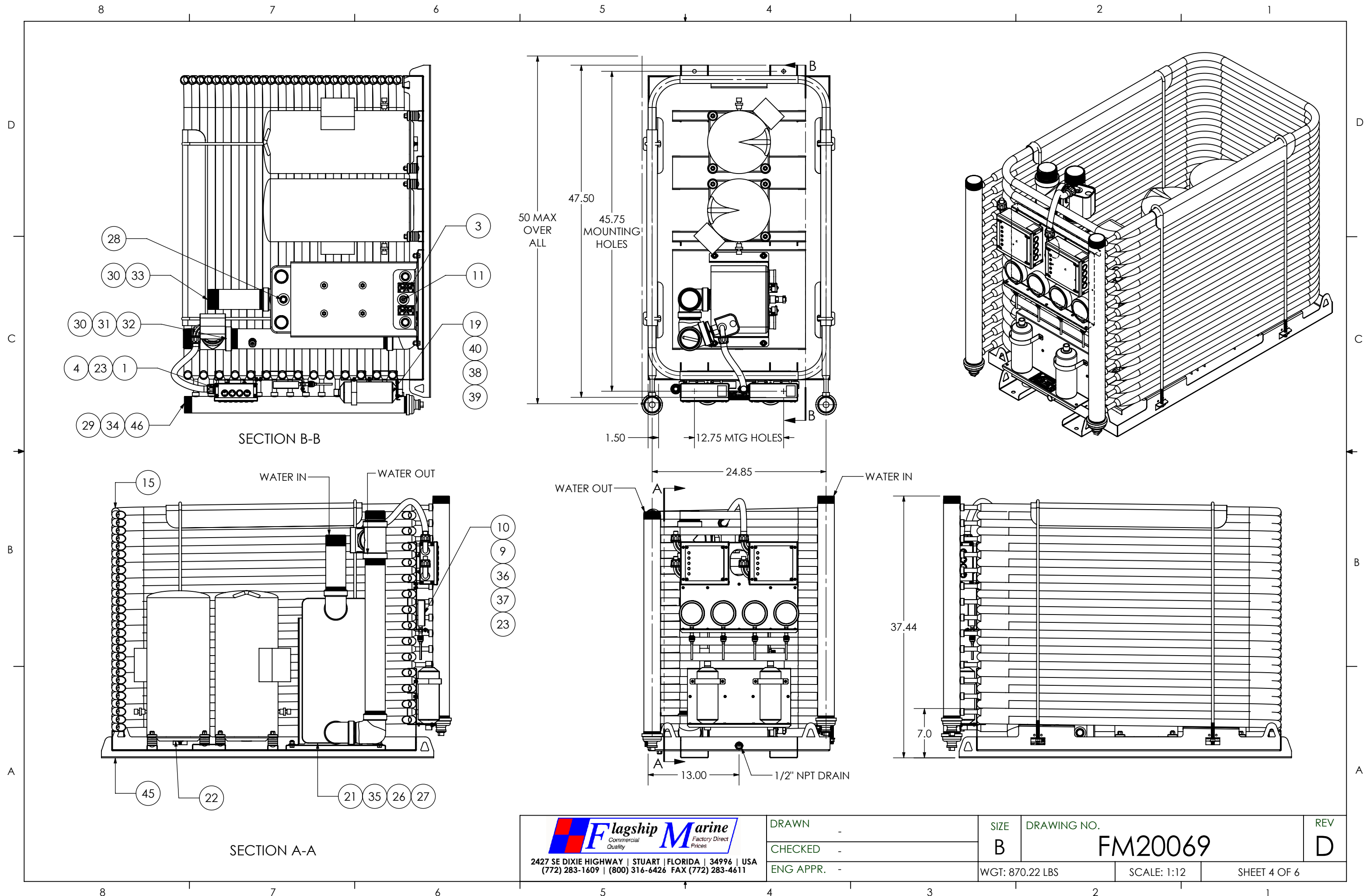
REV
D

OLD PART NO. -

SCALE: 1:8

WGT: 870.22 LBS

SHEET 3 OF 6





NOTES:

		FLAGSHIP MARINE, INC. BILL OF MATERIALS									
ne Direct	-	-	UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: ASSEMBLY, CHILLER, FM360CW-ED-N				
	-	-	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ±1/32 ANG: MACH ± 0°30' BEND ± 2° DECIMALS .XX ± .01 .XXX ± .005	DRAWN	SWC	5/11/2010					
	-	-	HOLE Ø .XX ± .005	CHECKED	TCM	-	PART NO. 20069-003				
	-	-	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M	ENG APPR.	TCM	-					
	-	-	MATERIAL	MFG APPR.	TCM	-					
TIAL	-	-		Q.A.	EAS	-	SIZE DWG. NO. REV B FM20069 D				
	-	-	FINISH	PERP STRAIGHTNESS FLATNESS THREADS: EXTERNAL - CLASS 2A INTERNAL - CLASS 2B MACHINED SURFACES: ✓ U.O.S	⊥ ≡ □ ⁶³	.003/IN .005/IN .005/IN					
ATION							OLD PART NO. -				
E VI, OF							SCALE: 1:8 WGT: 888.06 LBS SHEET 5 OF 6				
	NEXT ASSY USED ON										
	APPLICATION		DO NOT SCALE DRAWING								

7	-	-	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS $\pm 1/32$ ANG: MACH $\pm 0^{\circ}30'$ BEND $\pm 2^{\circ}$ DECIMALS .XX $\pm .01$.XXX $\pm .005$ HOLE $\varnothing$.XX $\pm .005$		NAME	DATE
	-	-		DRAWN	SWC	5/11/2010
	-	-		CHECKED	TCM	-
	-	-		ENG APPR.	TCM	-
	-	-	MFG APPR.	TCM	-	
	-	-	Q.A.	EAS	-	
	-	-	INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M	$\perp$ $\parallel$ $\square$ PERP .003/IN STRAIGHTNESS .005/IN FLATNESS .005/IN THREADS: EXTERNAL - CLASS 2A INTERNAL - CLASS 2B MACHINED SURFACES: $\sqrt{}$ U.O.S		
		MATERIAL				
NEXT ASSY	USED ON	FINISH				
APPLICATION			DO NOT SCALE DRAWING			

TITLE: ASSEMBLY, CHILLER, FM360CW-ED-N		
PART NO. 20069-003		
SIZE B	DWG. NO. FM20069	REV D
OLD PART NO. -		
SCALE: 1:8	WGT: 888.06 LBS	SHEET 5 OF 6

