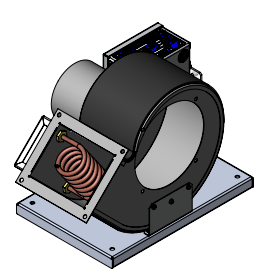
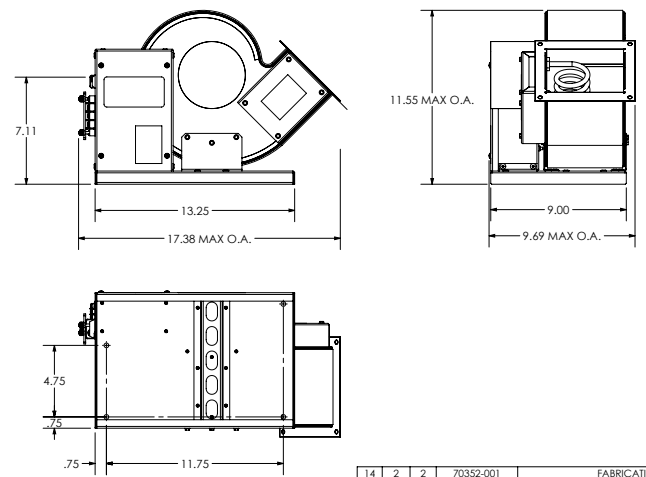


PART NUMBER	DESCRIPTION
20090-001	ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 120V SIDE
20090-101	ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 230V SIDE

FLAGSHIP MARINE, INC.				
REV	ZONE	DESCRIPTION	DATE	ENG APPROVAL
01	-	INITIAL CHECKIN	1/3/2011	-
02	-	ADDED CONFIGURATIONS 101, 002 & 102	12/7/2011	-
A	-	CHANGED CONTROL BOX	11/13/2017	-



20090-001 SHOWN



ITEM NO.	QTY	PART NUMBER	DESCRIPTION
14	2	70352-001	FABRICATION, BRACKET, BLOWER, ELECTRIC HEATING SYSTEM, FMCH2E
13	1	70351-001	FABRICATION, SUPPORT, BASE, ELECTRIC HEATING SYSTEM, FMCH2E
12	1	70350-001	FABRICATION, BASE, ELECTRIC HEATING SYSTEM, FMCH2E
11	1	70084-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R - FM20R
10	1	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R - FM20R
9	16	40533-001	RIVET, 3/16" DIA., 262-125" GRIP RANGE, SS86-28
8	12	40527-001	SELF TAP, #8 X 1/2 HWH SELF DRILL, 18-8 SS
7	1	60504-001	LABEL, CAUTION HIGH VOLTAGE
6	1	60062-001	SWITCH, THERMAL LIMIT, 130 DEG. F, NC
5	-	60032-002	HEATER ELEMENT, COIL, 45", 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD
4	1	60032-001	HEATER ELEMENT, COIL, 45", 8MM, 2000W, 120VAC, DBL END THRD BULKHEAD
3	-	60010-001	BLOWER, PSC, SHADED POLE, 1TD13, 230V
2	1	60006-001	BLOWER, PSC, SHADED POLE, 1TD12, 115V
1	1	20017-002	ASSEMBLY, CONTROL BOX, CHILLED WATER, FAN COIL, WITH OPTIONAL HEAT, 9K-36K UNIVERSAL

Flagship Marine
 2427 SE DIXIE HIGHWAY
 STUART (FLORIDA) 34996 | USA
 (772) 283-1497 | (800) 314-4624
 FAX (772) 283-4611

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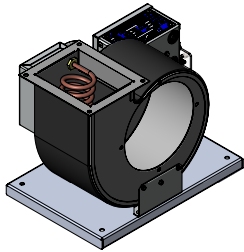
UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	1/3/2011
TOLERANCES:	SWC	
FRACTIONS ± 1/32	CHECKED	TCM
ANG. MATCH ± 0°30' BEND ± 2°	ENG APPR.	TCM
DECIMALS .XX ± 0.01	MFG APPR.	TCM
.XXX ± 0.05	Q.A.	EAS
HOLE Ø .XX ± 0.05		
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M		
MATERIAL	PERP STRAIGHTNESS	0.003/IN
	FLATNESS	0.005/IN
	THREADS:	
	EXTERNAL - CLASS 2A	
	INTERNAL - CLASS 2B	
	MACHINED SURFACES: ✓ U.O.S	

TITLE: ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 120V SIDE		
PART NO. 20090-001		
SIZE	DWG. NO.	REV
B	FM20090	A
OLD PART NO. -		
SCALE: 1:6	WGT: 8.76 LBS	SHEET 1 OF 2

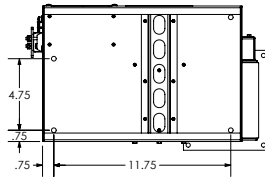
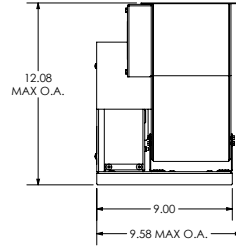
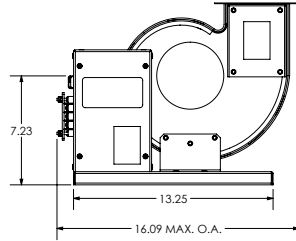
2. PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).
 1. DIMENSIONING & TOLERANCING PER ASME Y14.5M.
 NOTES:

APPLICATION DO NOT SCALE DRAWING

PART NUMBER	DESCRIPTION
20090-002	ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 120V TOP
20090-102	ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 230V TOP



20090-002 SHOWN



ITEM NO.	QTY	PART NUMBER	DESCRIPTION
14	2	70352-001	FABRICATION BRACKET, BLOWER, ELECTRIC HEATING SYSTEM, FMCH2E
13	1	70351-001	FABRICATION, SUPPORT, BASE, ELECTRIC HEATING SYSTEM, FMCH2E
12	1	70350-001	FABRICATION, BASE, ELECTRIC HEATING SYSTEM, FMCH2E
11	1	70086-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R - FM20R
10	1	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R - FM20R
9	16	60553-001	RIVET, 3/16" DIA., 062-125" GRIP RANGE, S386-Z5
8	12	60527-001	SELF TAP, #8 X 1/2 HWH SELF DRILL, 18-8 SS
7	1	60504-001	LABEL, CAUTION HIGH VOLTAGE
6	1	60062-001	SWITCH, THERMAL LIMIT, 130 DEG. F, NC
5	-	60032-002	HEATER ELEMENT, COIL, 45" L, 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD
4	1	60032-001	HEATER ELEMENT, COIL, 45" L, 8MM, 2000W, 120VAC, DBL END THRD BULKHEAD
3	-	60010-001	BLOWER, PSC, SHADED POLE, 1TD12, 230V
2	1	60006-001	BLOWER, PSC, SHADED POLE, 1TD12, 115V
		20017-002	ASSEMBLY, CONTROL BOX, CHILLED WATER, FAN COIL, WITH OPTIONAL HEAT, 9K-36K UNIVERSAL

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
FLAGSHIP MARINE, INC. BILL OF MATERIALS			
			TITLE: ASSEMBLY, ELECTRIC HEATING SYSTEM, 6,842BTU - 2KW, FMCH2E, 120V TOP
			PART NO. 20090-002
			SIZE DWG. NO. B FM20090 REV A
			OLD PART NO. -
			SCALE: 1:6 WGT: 11.43 LBS SHEET 2 OF 2

Flagship Marine
Quality Products

FLAGSHIP MARINE, INC.
 2627 SE DIXIE HIGHWAY
 STUART (FLORIDA) 34996 | USA
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UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	SWC	1/3/2011
TOLERANCES:		
FRACTIONS ± 1/32	CHECKED	TCM
ANG. MACH. ± 0°30' BEND ± 2°	ENG APPR.	TCM
DECIMALS .XX ± 0.1	MFG APPR.	TCM
.XXX ± 0.05		
HOLE Ø .XX ± 0.05	Q.A.	EAS
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M		
MATERIAL	PERP STRAIGHTNESS	0.003/IN
	FLATNESS	0.005/IN
	THREADS:	
	EXTERNAL - CLASS 2A	
	INTERNAL - CLASS 2B	
	MACHINED SURFACES:	√ u.o.s

APPLICATION	USED ON
DO NOT SCALE DRAWING	

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