

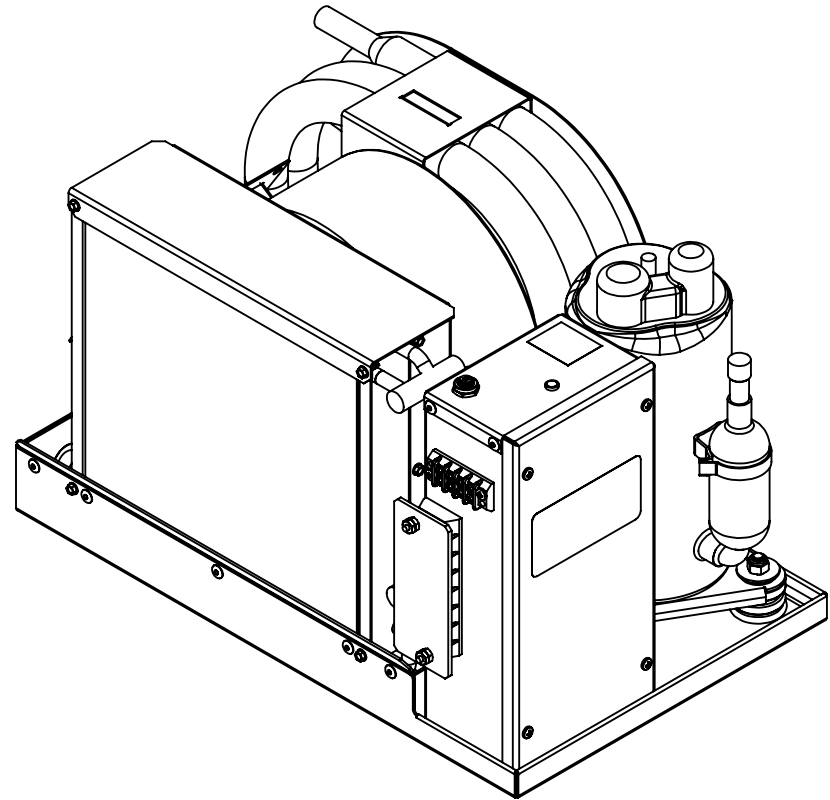
PART NUMBER	DESCRIPTION
20021-001	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 120V SIDE
20021-011	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 120V SIDE, WITH OPTIONAL HEAT
20021-101	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 230V SIDE
20021-111	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 230V SIDE, WITH OPTIONAL HEAT

FLAGSHIP MARINE, INC.				
REV.	ZONE	DESCRIPTION	DATE	ENG APPROVAL
01		INITIAL CHECK-IN	8/13/2010	
02		ADDED ITEMS 20 & 21	8/30/2010	
03		ADDED 50025-001; REPLACED 3/8" CONDENSER HARDWARE WITH 5/16"	10/13/2010	

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

NOTES:

27	ML6360000A20000	M6 DIN 127 A2 SPLIT LOCK WASHER, 18-8 SS	4	4	4	4
26	M82550012A20000	M6-1.0 X 12MM DIN 933 CLASS A2 CAP SCREW, SS	4	4	4	4
25	80022-001	WELDMENT, BASE, AIR CONDITIONER, FM9R, SIDE	1	1	1	1
24	80021-001	WELDMENT, DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM9R, SIDE	1	1	1	1
23	70090-001	DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM9R	1	1	1	1
22	70088-001	FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, FM9R, SIDE	1	1	1	1
21	70087-001	FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM9R	1	1	1	1
20	70086-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	-	1
19	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	-	1
18	70084-001	FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM9R, SIDE	1	1	1	1
17	60210-001	EVAPORATOR, 9000 MBTU, 10HX10.13W, 2 ROW	1	1	1	1
16	60131-001	GROMMET, 11/16" PUSH-IN LOCKING, NYLON	-	1	-	1
15	60062-001	THERMAL LIMIT SWITCH, 130 DEGREE	-	1	-	1
14	60060-001	THERMAL LIMIT SWITCH, 110 DEGREE	-	1	-	1
13	60031-001	HEATER ELEMENT, COIL, 45"L, 8MM, 1700W, 120VAC, DBL END THRD BULKHEAD	-	1	-	1
12	60021-001	BLOWER, PSC, SHADED POLE, 1TDR7, 115V	1	1	-	-
11	60009-001	BLOWER, PSC, SHADED POLE, 1TDR8, 230V	-	-	1	1
10	50025-001	DETAIL, SPACER, .375 OD X .335 ID, 304 SS	3	3	3	3
9	50002-001	FABRICATION, TUBING, AIR CONDITIONER, FM9R, SIDE	1	1	1	1
8	2R12S3R126A-6A	COMPRESSOR, 1PH, 60 Hz, 115V	1	1	-	-
7	2R10S3R236A-6A	COMPRESSOR, 1PH, 60 Hz, 230V	-	-	1	1
6	20015-001	ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL	1	1	1	1
5	1131943	#8-18 X 1/2" HWH #3 PT SELF DRILLING SCREW, 410 SS	16	20	16	20
4	0172789	5/16" X 1.13" FENDER WASHER, 18-8 SS	3	3	3	3
3	72396	#8-32 x 3/8" PHMS 18-8 SS	-	2	-	2
2	70861	5/16-18 NYLOCK NUT, 18-8 SS	3	3	3	3
1	41424	RIVET 3/16" DIA .062-.125" GRIP RANGE, SSB62S STAINLESS	18	18	18	18



20021-011 SHOWN
SEE SHEET 3 OF 4 FOR DIMENSIONS

ITEM NO.	PART NUMBER	DESCRIPTION	20021-001/QTY.	20021-011/QTY.	20021-101/QTY.	20021-111/QTY.
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FLAGSHIP MARINE, INC. BILL OF MATERIALS

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

PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN	SWC 8/2/2010
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		PERP STRAIGHTNESS ± .003/IN	
HOLE Ø .XX ± .005		FLATNESS ± .005/IN	
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M		THREADS:	
MATERIAL		EXTERNAL - CLASS 2A	
FINISH		INTERNAL - CLASS 2B	
NEXT ASSY	USED ON	MACHINED SURFACES: ✓ U.O.S	
APPLICATION		DO NOT SCALE DRAWING	

TITLE: ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, SIDE

PART NO. 20021-XX1

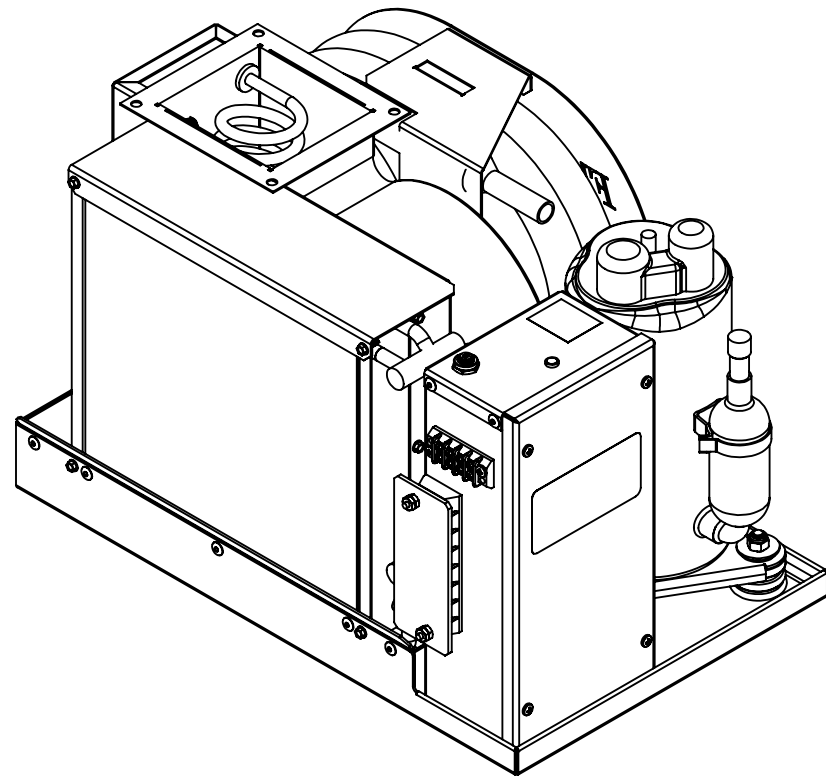
SIZE DWG. NO. REV
B FM20021 **03**

OLD PART NO. -

SCALE: 1:5 WGT: 79.23 LBS SHEET 1 OF 4

PART NUMBER	DESCRIPTION
20021-002	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 120V TOP
20021-012	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 120V TOP, WITH OPTIONAL HEAT
20021-102	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 230V TOP
20021-112	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, 230V TOP, WITH OPTIONAL HEAT

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



20021-012 SHOWN
SEE SHEET 4 OF 4 FOR DIMENSIONS

27	ML6360000A20000	M6 DIN 127 A2 SPLIT LOCK WASHER, 18-8 SS	4	4	4	4
26	M82550012A20000	M6-1.0 X 12MM DIN 933 CLASS A2 CAP SCREW, SS	4	4	4	4
25	80022-002	WELDMENT, BASE, AIR CONDITIONER, FM9R, TOP	1	1	1	1
24	80021-002	WELDMENT, DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM9R, TOP	1	1	1	1
23	70090-001	DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM9R	1	1	1	1
22	70089-001	FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, FM9R, TOP	1	1	1	1
21	70087-001	FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM9R	1	1	1	1
20	70086-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	-	1
19	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	-	1
18	70084-002	FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM9R, TOP	1	1	1	1
17	60210-001	EVAPORATOR, 9000 MBTU, 10HX10.13W, 2 ROW	1	1	1	1
16	60131-001	GROMMET, 11/16" PUSH-IN LOCKING, NYLON	-	1	-	1
15	60062-001	THERMAL LIMIT SWITCH, 130 DEGREE	-	1	-	1
14	60060-001	THERMAL LIMIT SWITCH, 110 DEGREE	-	1	-	1
13	60031-001	HEATER ELEMENT, COIL, 45"L, 8MM, 1700W, 120VAC, DBL END THRD BULKHEAD	-	1	-	1
12	60021-001	BLOWER, PSC, SHADED POLE, 1TDR7, 115V	1	1	-	-
11	60009-001	BLOWER, PSC, SHADED POLE, 1TDR8, 230V	-	-	1	1
10	50025-001	DETAIL, SPACER, .375 OD X .335 ID, 304 SS	3	3	3	3
9	50002-002	FABRICATION, TUBING, AIR CONDITIONER, FM9R, TOP	1	1	1	1
8	2R12S3R126A-6A	COMPRESSOR, 1PH, 60 Hz, 115V	1	1	-	-
7	2R10S3R236A-6A	COMPRESSOR, 1PH, 60 Hz, 230V	-	-	1	1
6	20015-001	ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL	1	1	1	1
5	1131943	#8-18 X 1/2" HWH #3 PT SELF DRILLING SCREW, 410 SS	16	20	16	20
4	0172789	5/16" X 1.13" FENDER WASHER, 18-8 SS	3	3	3	3
3	72396	#8-32 x 3/8" PHMS 18-8 SS	-	4	-	4
2	70861	5/16-18 NYLOCK NUT, 18-8 SS	3	3	3	3
1	41424	RIVET 3/16" DIA .062-.125" GRIP RANGE, SSB62S STAINLESS	18	18	18	18

ITEM NO.	PART NUMBER	DESCRIPTION	20021-002/QTY.	20021-012/QTY.	20021-102/QTY.	20021-112/QTY.
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FLAGSHIP MARINE, INC. BILL OF MATERIALS



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

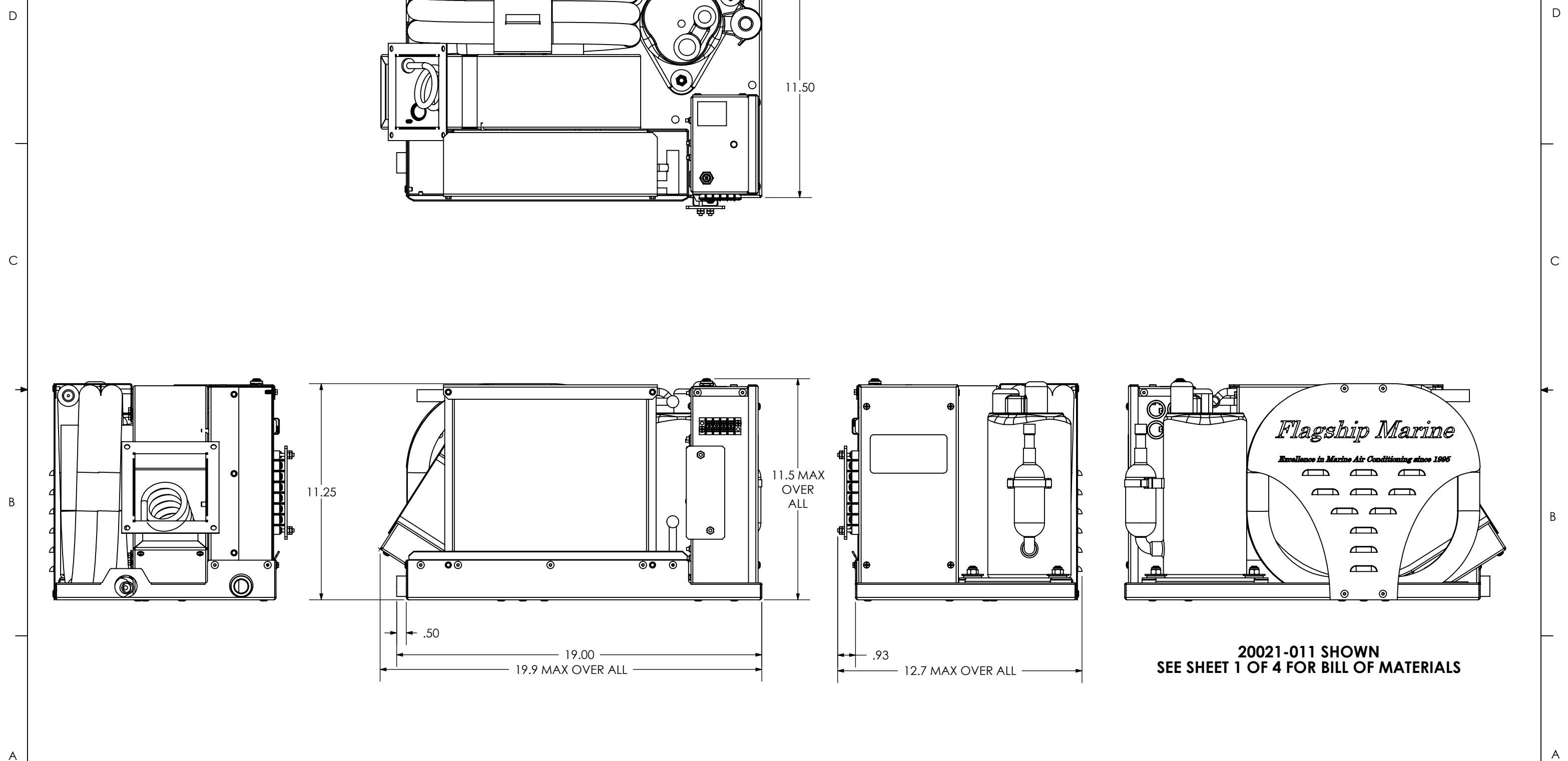
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UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	SWC 8/2/2010
TOLERANCES:	CHECKED	TCM -
FRACTIONS ± 1/32	ENG APPR.	TCM -
ANG: MACH ± 0°30' BEND ± 2°	MFG APPR.	TCM -
DECIMALS .XX ± .01	Q.A.	EAS -
.XXX ± .005	PERP	∟ .003/IN
HOLE Ø .XX ± .005	STRAIGHTNESS	— .005/IN
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M	FLATNESS	▭ .005/IN
MATERIAL	THREADS:	EXTERNAL - CLASS 2A
FINISH	INTERNAL - CLASS 2B	∅3/ U.O.S
NEXT ASSY	MACHINED SURFACES:	✓ U.O.S
USED ON		
APPLICATION	DO NOT SCALE DRAWING	

TITLE:	ASSEMBLY, AIR CONDITIONER FM9R, 18.50L X 11.50W X 11.25H, TOP		
PART NO.	20021-XX2		
SIZE	DWG. NO.	REV	
B	FM20021	03	
OLD PART NO.	-		
SCALE: 1:5	WGT: 79.39 LBS	SHEET 2 OF 4	

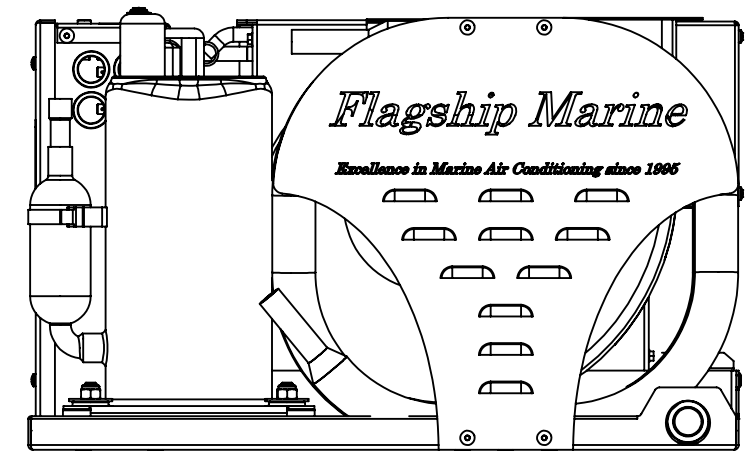
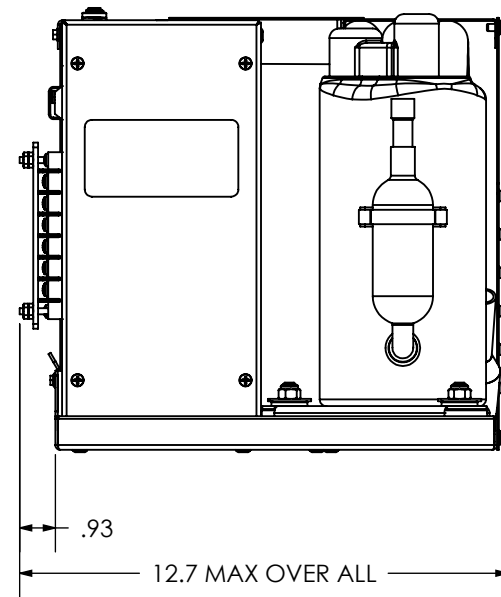
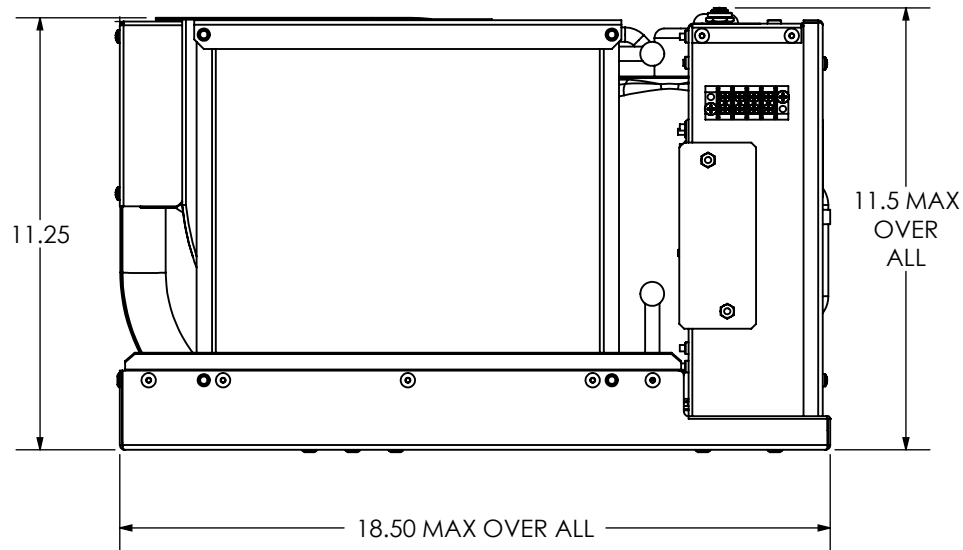
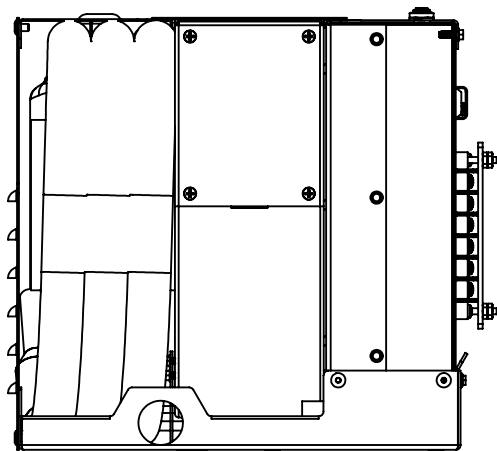
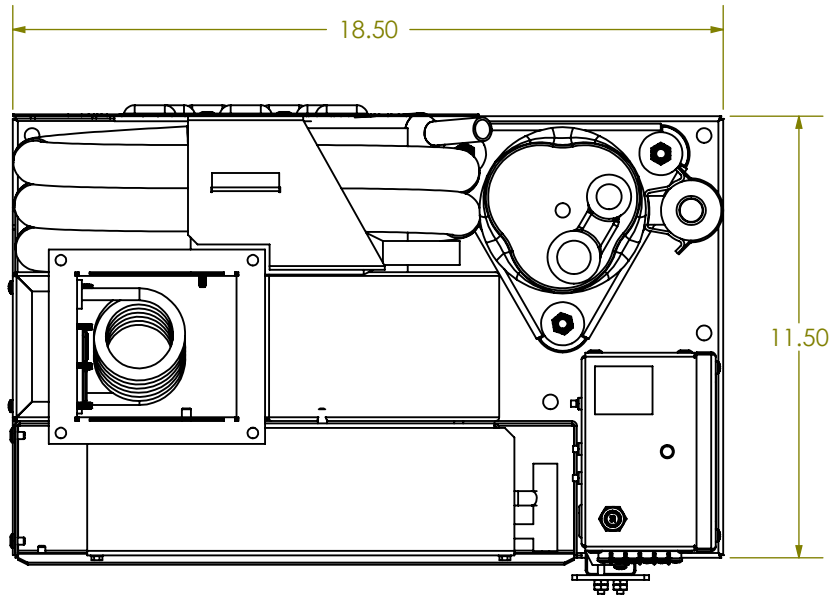
8 7 6 5 4 2 1



2021-011 SHOWN
SEE SHEET 1 OF 4 FOR BILL OF MATERIALS

 <p>Flagship Marine Commercial Quality Factory Direct Prices</p> <p>2427 SE DIXIE HIGHWAY STUART FLORIDA 34996 USA (772) 283-1609 (800) 316-6426 FAX (772) 283-4611</p>	DRAWN SWC	SIZE B	DRAWING NO. FM20021	REV 03
	CHECKED -	WGT: 79.23 LBS	SCALE: 1:5	SHEET 3 OF 4
	ENG APPR. -			

8 7 6 5 4 3 2 1



**2021-012 SHOWN
SEE SHEET 2 OF 4 FOR BILL OF MATERIALS**

Flagship Marine
Commercial Quality Factory Direct Prices

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

DRAWN	SWC	SIZE	DRAWING NO.	REV
CHECKED	-	B	FM20021	03
ENG APPR.	-	WGT: 79.40 LBS	SCALE: 1:5	SHEET 4 OF 4