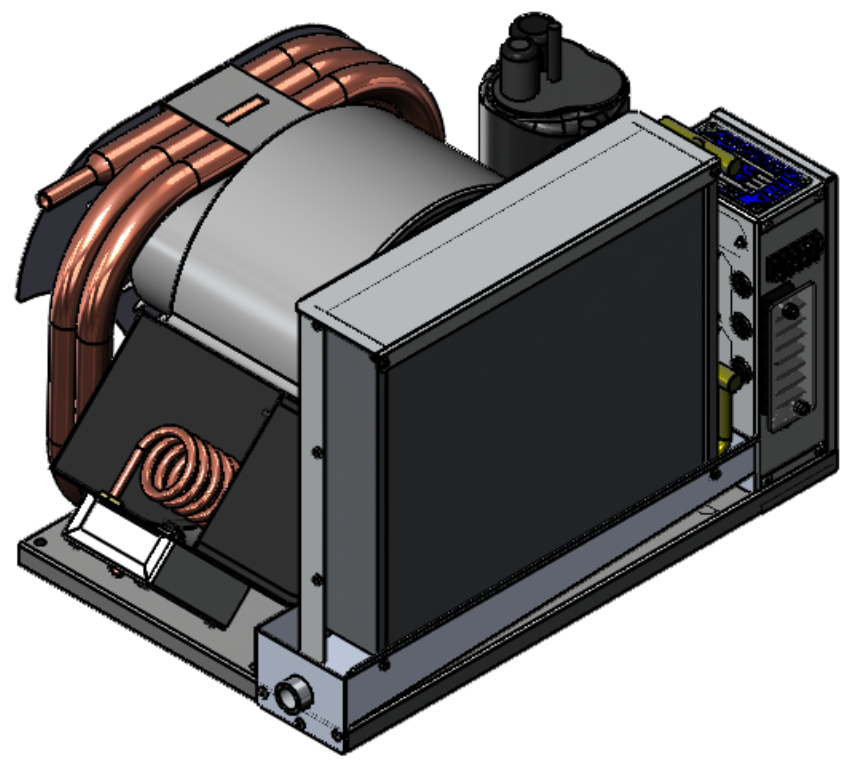


PART NUMBER	DESCRIPTION
20025-001	ASSEMBLY, AIR CONDITIONER FM18.5R, 120V SIDE
20025-011	ASSEMBLY, AIR CONDITIONER FM18.5R, 120V SIDE, WITH OPTIONAL HEAT
20025-101	ASSEMBLY, AIR CONDITIONER FM18.5R, 230V SIDE
20025-111	ASSEMBLY, AIR CONDITIONER FM18.5R, 230V SIDE, WITH OPTIONAL HEAT

FLAGSHIP MARINE, INC.				
REV.	ZONE	DESCRIPTION	DATE	ENG APPROVAL
06		80902-001 WAS 80100-001 AND 70906-001 WAS 70102-001	5/14/2014	
A		RELEASED FOR MANUFACTURING	7/16/2014	
B		60249-001 WAS 60277-001	9/15/2014	



**20025-011 SHOWN
SEE SHEET 3 OF 4 FOR DIMENSIONS**

28	hex nut_ai		3	3	3	3
27	lock washer spring regular_ai		3	3	3	3
26	80902-001	WELDMENT, DRY DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM18.5 & FM20R, SIDE	1	1	1	1
25	80028-021	WELDMENT, BASE, AIR CONDITIONER, FM18.5R, TOP	1	1	1	1
24	70906-001	FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM18.5 & FM20R, SIDE	1	1	1	1
23	70104-001	FABRICATION, SUPPORT, BASE, AIR CONDITIONER, FM18.5R	1	1	1	1
22	70103-001	FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, SIDE, FM18.5R	1	1	1	1
21	70098-001	FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM12R, FM16R & FM18R	1	1	1	1
20	70092-001	DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM18.5R / FM20R	1	1	1	1
19	70086-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	1	-
18	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	-	1	1	-
17	60534-001	WASHER, 3/8 X 1 1/4 FENDER WASHER, 18-8 SS	3	3	3	3
16	60533-001	RIVET, 3/16" DIA. .062-.125" GRIP RANGE, SSB6-2S	21	21	21	21
15	60527-001	SELF TAP, #8 X 1/2 HWH SELF DRILL 18-8 SS	16	20	20	16
14	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS	-	4	4	-
13	60249-001	COMPRESSOR, 1PH, 60 Hz, 115V	1	1	-	-
12	60242-001	COMPRESSOR, 1PH, 60 Hz, 220V	-	-	1	1
11	60214-001	EVAPORATOR, 18500 MBTU, 12HX14W, 3 ROW	1	1	1	1
10	60131-001	GROMMET, 11/16" PUSH-IN LOCKING, NYLON	-	1	1	-
9	60071-001	STANDOFF, .385 ID X 1.406 OD X 1.00 THK, 70 DURO EPDM BLACK	3	3	3	3
8	60070-001	WASHER, .385 ID X 1.406 OD X .25 THK, 60 DURO EPDM BLACK	3	3	3	3
7	60062-001	THERMAL LIMIT SWITCH, 130 DEGREE	-	1	1	-
6	60033-001	HEATER ELEMENT, COIL, 48"L, 8MM, 2200W, 120VAC, DBL END THRD BULKHEAD	-	1	-	-
5	60032-002	HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD	-	-	1	-
4	60013-002	BLOWER, PSC, FORWARD CURVE, DIRECT DRIVE, WHEEL DIA 8 5/8", 230V, DAYTON 1TDT9	-	-	1	1
3	60013-001	BLOWER, PSC, FORWARD CURVE, DIRECT DRIVE, WHEEL DIA 8 5/8", 115V, DAYTON 1TDT4	1	1	-	-
2	50005-001	FABRICATION, TUBING, AIR CONDITIONER, FMAC18.5R / FM20R	1	1	1	1
1	20015-001	ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL	1	1	1	1

ITEM NO.	PART NUMBER	DESCRIPTION	20025-001/QTY.	20025-011/QTY.	20025-111/QTY.	20025-101/QTY.
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FLAGSHIP MARINE, INC. BILL OF MATERIALS

Flagship Marine
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:					
DIMENSIONS ARE IN INCHES					
TOLERANCES:					
FRACTIONS ± 1/32					
ANG: MACH ± 0°30' BEND ± 2°					
DECIMALS .XX ± .01					
.XXX ± .005					
HOLE Ø .XX ± .005					
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M					
MATERIAL					
FINISH					
NONE					
PERP STRAIGHTNESS	±	.003/IN			
FLATNESS	±	.005/IN			
THREADS:					
EXTERNAL - CLASS 2A					
INTERNAL - CLASS 2B					
MACHINED SURFACES: ✓ U.O.S					
NAME	SWC	DATE	8/2/2010		
CHECKED	TCM				
ENG APPR.	TCM				
MFG APPR.	TCM				
Q.A.	EAS				

TITLE: **ASSEMBLY, AIR CONDITIONER FM18.5R, SIDE**

PART NO. **20025-XX1**

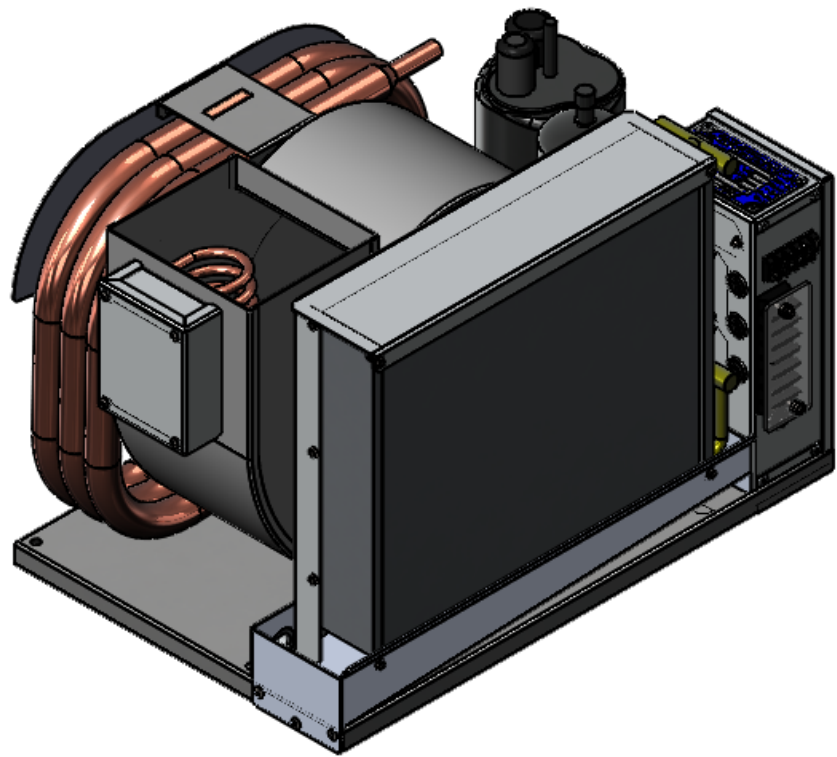
SIZE **B** DWG. NO. **FM20025** REV **B**

OLD PART NO. -

SCALE: 1:6 WGT: 133.11 LBS SHEET 1 OF 5

- NOTES:
- NO SHARP EDGES PERMITTED.
 - PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).
 - DIMENSIONING & TOLERANCING PER ASME Y14.5M.

PART NUMBER	DESCRIPTION
20025-002	ASSEMBLY, AIR CONDITIONER FM18.5R, 120V TOP
20025-012	ASSEMBLY, AIR CONDITIONER FM18.5R, 120V TOP, WITH OPTIONAL HEAT
20025-102	ASSEMBLY, AIR CONDITIONER FM18.5R, 230V TOP
20025-112	ASSEMBLY, AIR CONDITIONER FM18.5R, 230V TOP, WITH OPTIONAL HEAT



**20025-012 SHOWN
SEE SHEET 4 OF 4 FOR DIMENSIONS**

28	hex nut_ai		3	3	3	3
27	lock washer spring regular_ai		3	3	3	3
26	80902-002	WELDMENT, DRY DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM18.5 & FM20R, TOP	1	1	1	1
25	80028-021	WELDMENT, BASE, AIR CONDITIONER, FM18.5R, TOP	1	1	1	1
24	70906-002	FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM18.5 & FM20R, TOP	1	1	1	1
23	70104-001	FABRICATION, SUPPORT, BASE, AIR CONDITIONER, FM18.5R	1	1	1	1
22	70103-011	FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, TOP, FM18.5R	1	1	1	1
21	70098-001	FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM12R, FM16R & FM18R	1	1	1	1
20	70092-001	DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM18.5R / FM20R	1	1	1	1
19	70086-001	FABRICATION, LID, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	1	-	-	1
18	70085-001	FABRICATION, ENCLOSURE, HEATER COIL, AIR CONDITIONER, FM9R	1	-	-	1
17	60534-001	WASHER, 3/8 X 1 1/4 FENDER WASHER, 18-8 SS	3	3	3	3
16	60533-001	RIVET, 3/16" DIA. .062-.125" GRIP RANGE, SSB6-2S	21	21	21	21
15	60527-001	SELF TAP, #8 X 1/2 HWH SELF DRILL 18-8 SS	20	16	16	20
14	60517-001	SCREW, #8-32 X 3/8" PAN HEAD MACHINE SCREW, #2 DRIVE PHILLIPS, 18-8 SS	4	-	-	4
13	60249-001	COMPRESSOR, 1PH, 60 Hz, 115V	1	1	-	-
12	60242-001	COMPRESSOR, 1PH, 60 Hz, 220V	-	-	1	1
11	60214-001	EVAPORATOR, 18500 MBTU, 12HX14W, 3 ROW	1	1	1	1
10	60131-001	GROMMET, 1 1/16" PUSH-IN LOCKING, NYLON	1	-	-	1
9	60071-001	STANDOFF, .385 ID X 1.406 OD X 1.00 THK, 70 DURO EPDM BLACK	3	3	3	3
8	60070-001	WASHER, .385 ID X 1.406 OD X .25 THK, 60 DURO EPDM BLACK	3	3	3	3
7	60062-001	THERMAL LIMIT SWITCH, 130 DEGREE	1	-	-	1
6	60033-001	HEATER ELEMENT, COIL, 48"L, 8MM, 2200W, 120VAC, DBL END THRD BULKHEAD	1	-	-	-
5	60032-002	HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD	-	-	-	1
4	60013-002	BLOWER, PSC, FORWARD CURVE, DIRECT DRIVE, WHEEL DIA 8 5/8", 230V, DAYTON 1TDT9	-	-	1	1
3	60013-001	BLOWER, PSC, FORWARD CURVE, DIRECT DRIVE, WHEEL DIA 8 5/8", 115V, DAYTON 1TDT4	1	1	-	-
2	50005-001	FABRICATION, TUBING, AIR CONDITIONER, FMAC18.5R / FM20R	1	1	1	1
1	20015-001	ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL	1	1	1	1

ITEM NO.	PART NUMBER	DESCRIPTION	20025-012/QTY.	20025-002/QTY.	20025-102/QTY.	20025-112/QTY.
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FLAGSHIP MARINE, INC. BILL OF MATERIALS

Flagship Marine
FLAGSHIP MARINE, INC.
 2427 SE DIXIE HIGHWAY
 STUART | FLORIDA | 34996 | USA
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 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
NONE		MACHINED SURFACES:	✓ U.O.S
NEXT ASSY	USED ON		
APPLICATION	DO NOT SCALE DRAWING		

TITLE: **ASSEMBLY, AIR CONDITIONER FM18.5R, TOP**

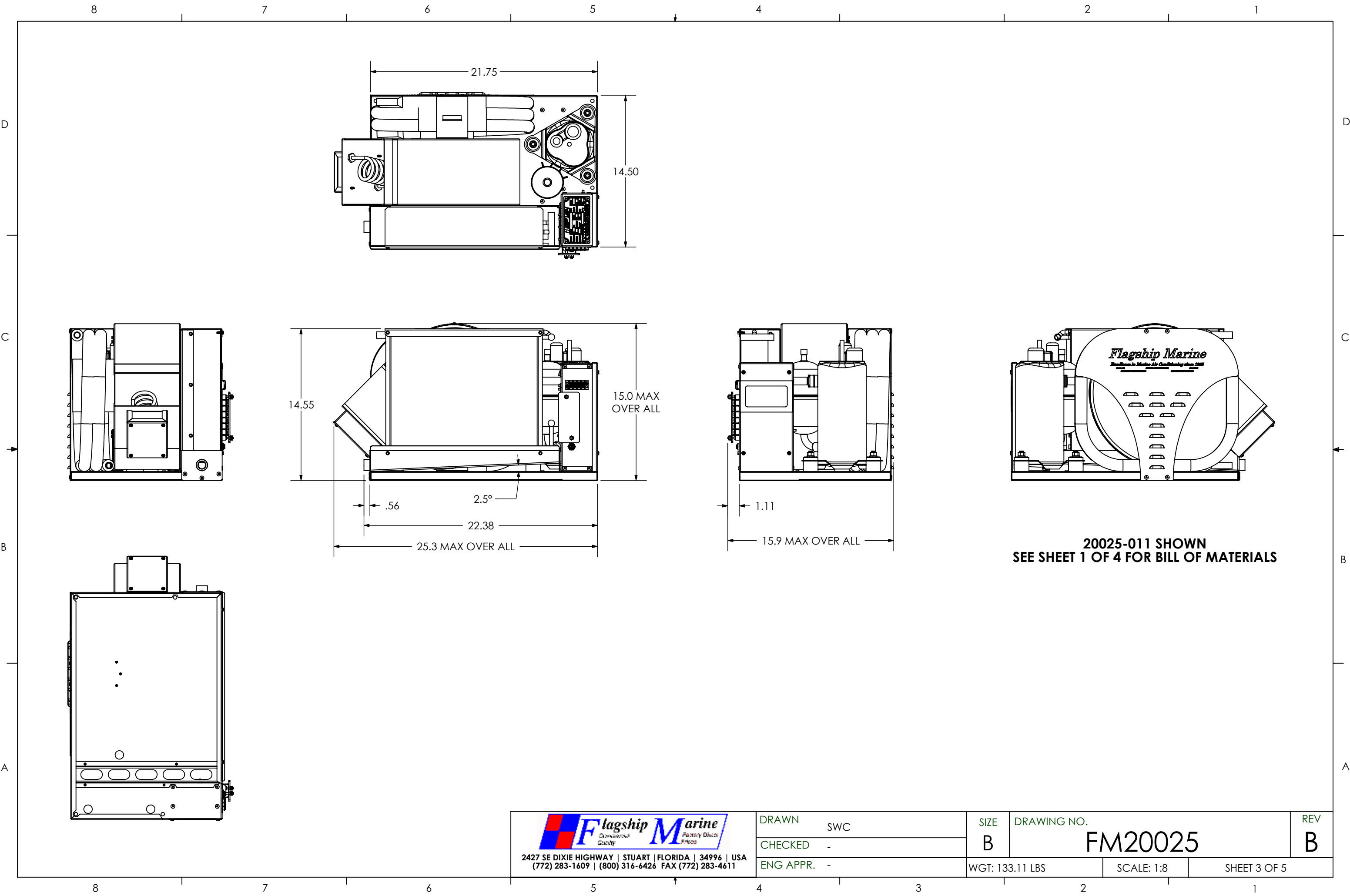
PART NO. **20025-XX2**

SIZE **B** DWG. NO. **FM20025** REV **B**


OLD PART NO. -

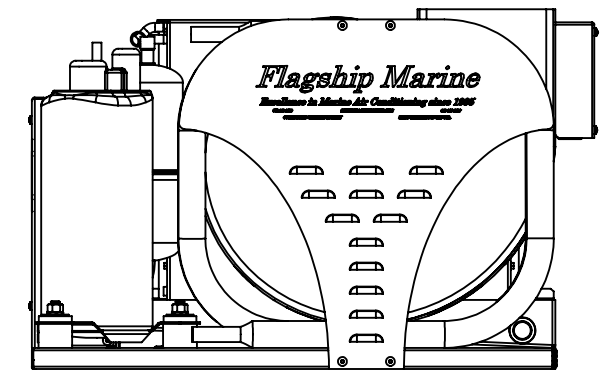
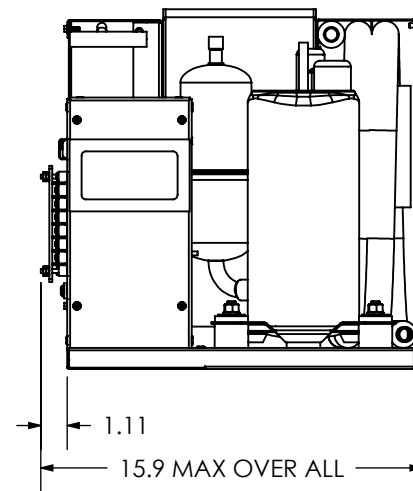
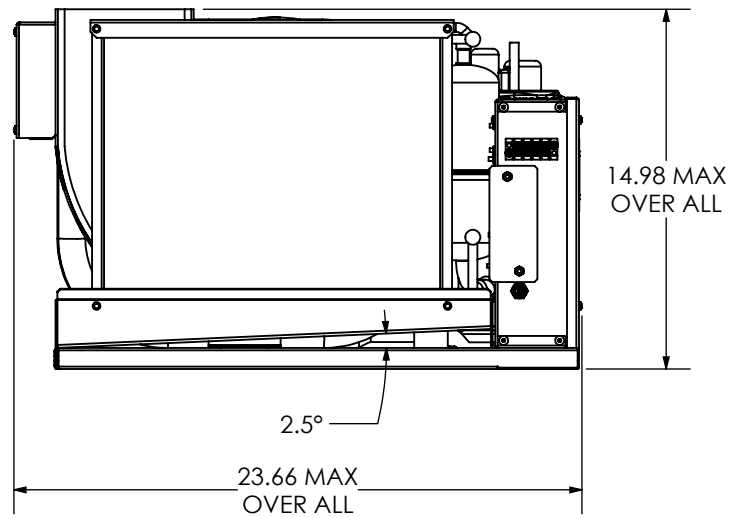
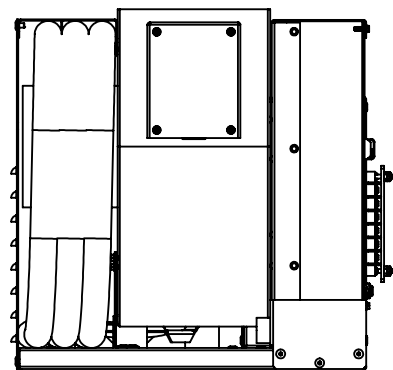
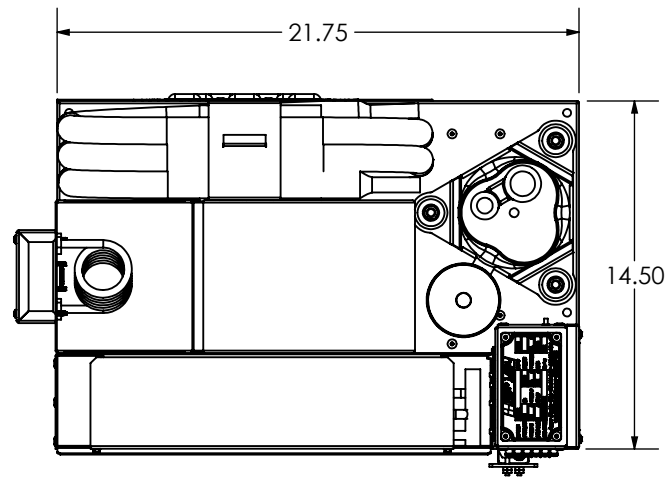
SCALE: 1:6 WGT: 135.98 LBS SHEET 2 OF 5

- NOTES:
- NO SHARP EDGES PERMITTED.
 - PREFERRED LIMITS AND FITS PER ANSI B4.1 (INCHES).
 - DIMENSIONING & TOLERANCING PER ASME Y14.5M.

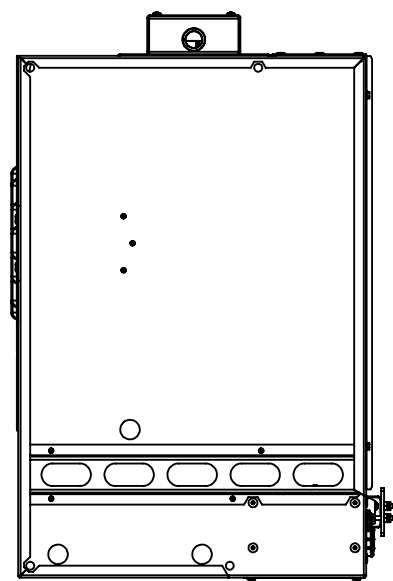


20025-011 SHOWN
SEE SHEET 1 OF 4 FOR BILL OF MATERIALS

 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	FM20025		B
ENG APPR.	-	WGT: 133.11 LBS	SCALE: 1:8	SHEET 3 OF 5		



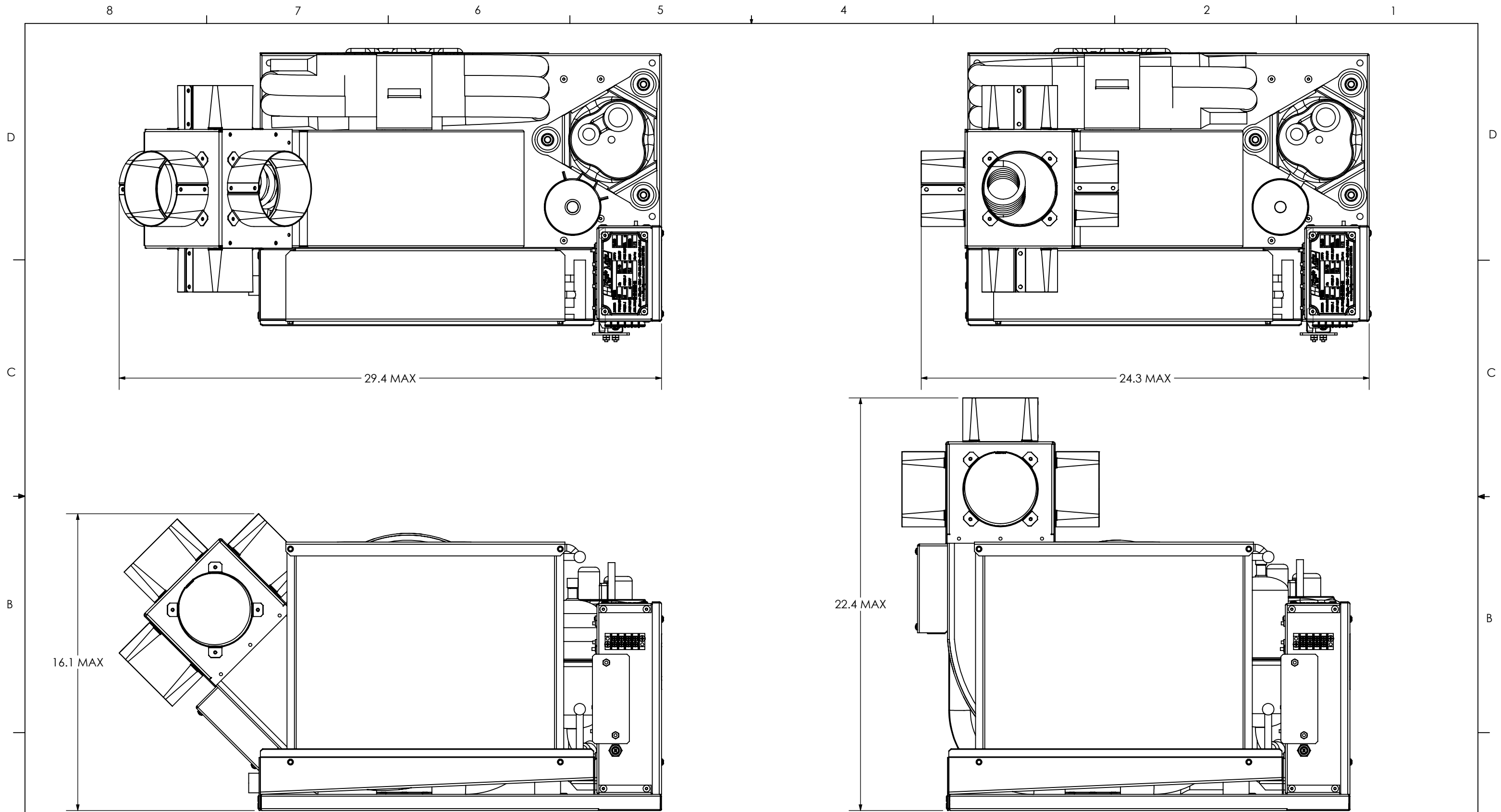
**2025-012 SHOWN
 SEE SHEET 2 OF 4 FOR BILL OF MATERIALS**



Flagship Marine
 COMMITMENT TO QUALITY PURITY DESIGN

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	FM20025	B
ENG APPR.	-	WGT: 135.98 LBS	SCALE: 1:8	SHEET 4 OF 5



20025-011
 SHOWN WITH OPTIONAL PLENUM & DISCHARGE RINGS
 FOR DIMENTIONAL REFERENCE ONLY

20025-012
 SHOWN WITH OPTIONAL PLENUM & DISCHARGE RINGS
 FOR DIMENTIONAL REFERENCE ONLY

Flagship Marine
 COMMERCIAL QUALITY POWER DIESEL ENGINES
 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	FM20025	B
ENG APPR.	-	WGT: 134.12 LBS	SCALE: 1:8	SHEET 5 OF 5