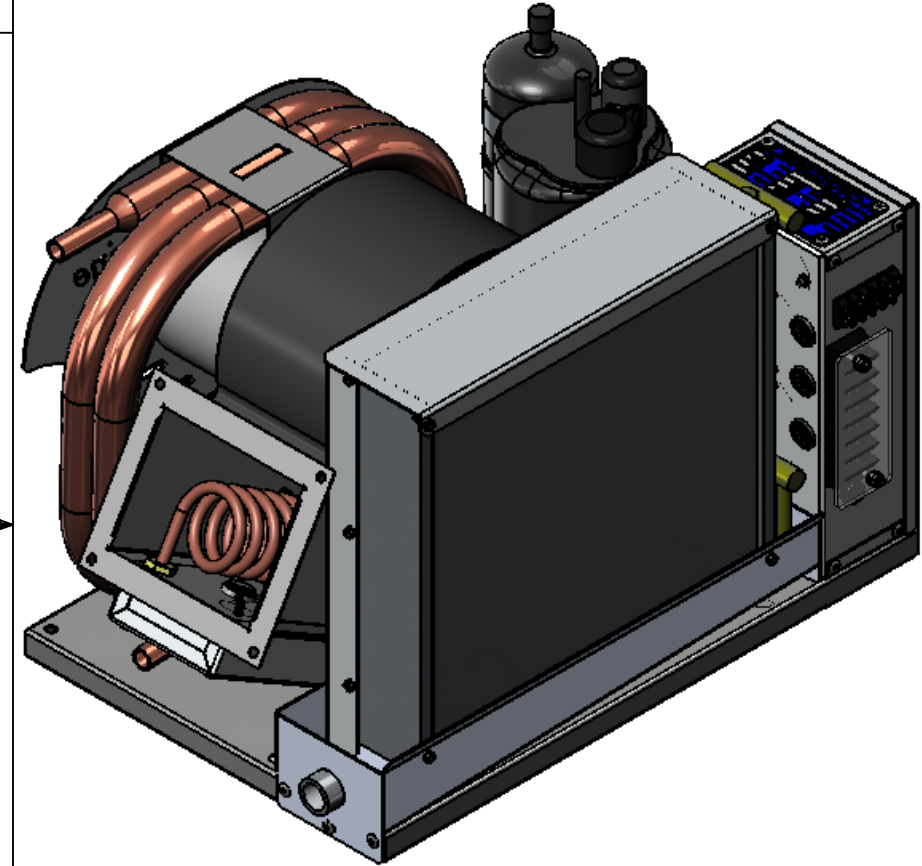


| PART NUMBER | DESCRIPTION |
|-------------|--|
| 20024-001 | ASSEMBLY, AIR CONDITIONER FM18R, 120V SIDE |
| 20024-011 | ASSEMBLY, AIR CONDITIONER FM18R, 120V SIDE, WITH OPTIONAL HEAT |
| 20024-101 | ASSEMBLY, AIR CONDITIONER FM18R, 230V SIDE |
| 20024-111 | ASSEMBLY, AIR CONDITIONER FM18R, 230V SIDE, WITH OPTIONAL HEAT |

| FLAGSHIP MARINE, INC. | | | | |
|-----------------------|------|--|-----------|--------------|
| REV. | ZONE | DESCRIPTION | DATE | ENG APPROVAL |
| 04 | | ADDED SHEET 5 OF 5 (SHOWN WITH PLENUM & DISCHARGE RINGS) | 2/12/2014 | |
| 05 | | 80901-001 WAS 80023-001; 80901-002 WAS 80023-002; 70904-001 WAS 70111-001; 70904-002 WAS 70111-002 | 5/13/2014 | |
| A | | RELEASED FOR MANUFACTURING | 7/16/2014 | |

| | | | | | | |
|----|-------------------------------|--|----|----|----|----|
| 30 | hex nut_ai | | 3 | 2 | 3 | 3 |
| 29 | lock washer spring regular_ai | | 3 | 3 | 3 | 3 |
| 28 | 60657-001 | WASHER, SPLIT LOCK, M6, SS | 4 | 4 | 4 | 4 |
| 27 | 60656-001 | BOLT, M6 X 1.0 X 12, SS | 4 | 4 | 4 | 4 |
| 26 | 80901-001 | WELDMENT, DRY DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM12, FM16 & FM18R, SIDE | 1 | 1 | 1 | 1 |
| 25 | 80025-001 | WELDMENT, BASE, AIR CONDITIONER, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 24 | 70904-001 | FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM16R & FM18R, SIDE | 1 | 1 | 1 | 1 |
| 23 | 70105-002 | FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, FM16R & FM18R, SIDE | 1 | 1 | 1 | 1 |
| 22 | 70099-001 | FABRICATION, SUPPORT, BASE, AIR CONDITIONER, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 21 | 70098-001 | FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM12R, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 20 | 70091-001 | DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM12R /FM16R / FM18R | 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 | 60212-001 | EVAPORATOR, 18000 MBTU, 12HX12W, 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 | 60032-002 | HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD | - | - | 1 | - |
| 5 | 60032-001 | HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 120VAC, DBL END THRD BULKHEAD | - | 1 | - | - |
| 4 | 60010-001 | BLOWER, PSC, SHADED POLE, 1TDT3, 230V | - | - | 1 | 1 |
| 3 | 60006-001 | BLOWER, PSC, SHADED POLE, 1TDT2, 115V | 1 | 1 | - | - |
| 2 | 50003-001 | FABRICATION, TUBING, AIR CONDITIONER, FM12R / FM16R / FM18R | 1 | 1 | 1 | 1 |
| 1 | 20015-001 | ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL | 1 | 1 | 1 | 1 |



**20024-011 SHOWN
SEE SHEET 3 OF 4 FOR DIMENSIONS**

| ITEM NO. | PART NUMBER | DESCRIPTION | 20024-001/QTY. | 20024-011/QTY. | 20024-111/QTY. | 20024-101/QTY. |
|----------|-------------|-------------|----------------|----------------|----------------|----------------|
|----------|-------------|-------------|----------------|----------------|----------------|----------------|

FLAGSHIP MARINE, INC. BILL OF MATERIALS

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

Flagship Marine
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 | | | |
| HOLE Ø .XX ± .005 | | | |
| INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5M | | | |
| MATERIAL | | PERP | ∟ .003/IN |
| | | STRAIGHTNESS | ∥ .005/IN |
| | | FLATNESS | ∕ .005/IN |
| | | THREADS: | |
| | | EXTERNAL - CLASS 2A | |
| | | INTERNAL - CLASS 2B | |
| FINISH | NONE | MACHINED SURFACES: | √ U.O.S |
| NEXT ASSY | USED ON | | |
| APPLICATION | DO NOT SCALE DRAWING | | |

TITLE: **ASSEMBLY, AIR CONDITIONER FM18R, SIDE**

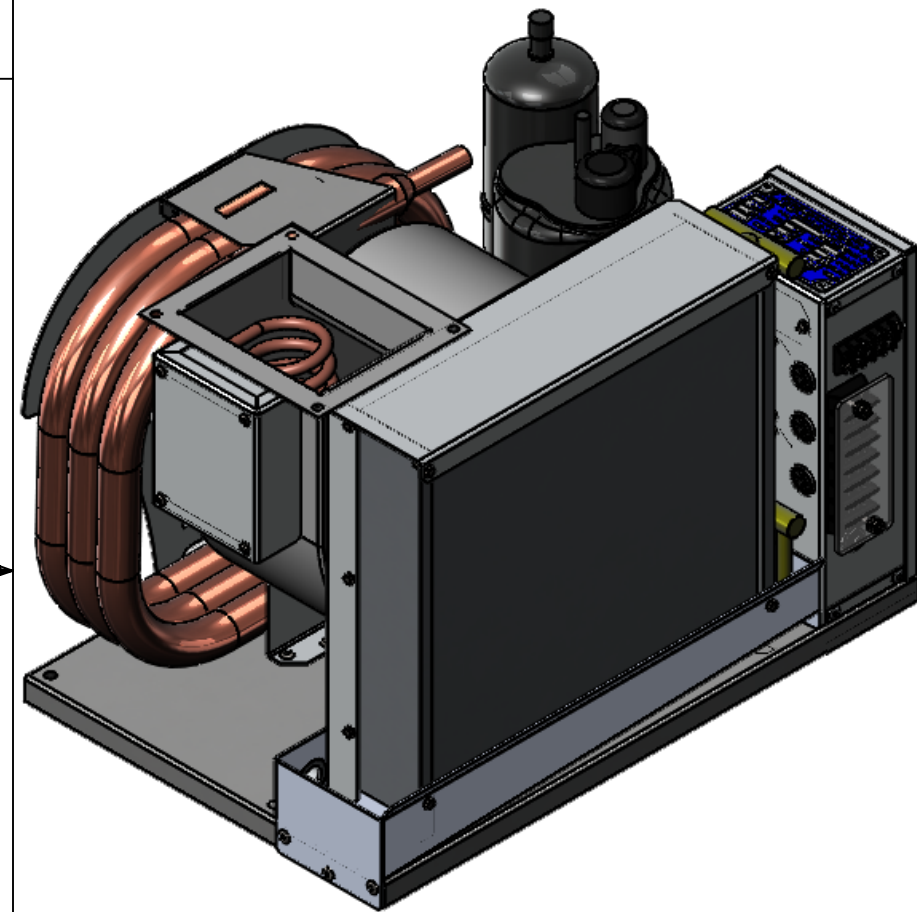
PART NO. **20024-XX1**

SIZE **B** DWG. NO. **FM20024** REV **A**

OLD PART NO. -

SCALE: 1:5 WGT: 123.59 LBS SHEET 1 OF 5

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 20024-002 | ASSEMBLY, AIR CONDITIONER FM18R, 120V TOP |
| 20024-012 | ASSEMBLY, AIR CONDITIONER FM18R, 120V TOP, WITH OPTIONAL HEAT |
| 20024-102 | ASSEMBLY, AIR CONDITIONER FM18R, 230V TOP |
| 20024-112 | ASSEMBLY, AIR CONDITIONER FM18R, 230V TOP, WITH OPTIONAL HEAT |



**20024-012 SHOWN
SEE SHEET 4 OF 4 FOR DIMENSIONS**

| | | | | | | |
|-----------------|-------------------------------|---|----------------|----------------|----------------|----------------|
| 30 | hex nut_ai | | 3 | 2 | 3 | 3 |
| 29 | lock washer spring regular_ai | | 3 | 3 | 3 | 3 |
| 28 | 60657-001 | WASHER, SPLIT LOCK, M6, SS | 4 | 4 | 4 | 4 |
| 27 | 60656-001 | BOLT, M6 X 1.0 X 12, SS | 4 | 4 | 4 | 4 |
| 26 | 80901-002 | WELDMENT, DRY DRAIN PAN, EVAPORATOR, AIR CONDITIONER, FM12, FM16 & FM18R, TOP | 1 | 1 | 1 | 1 |
| 25 | 80025-001 | WELDMENT, BASE, AIR CONDITIONER, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 24 | 70904-002 | FABRICATION, SHROUD, EVAPORATOR, AIR CONDITIONER, FM16R & FM18R, TOP | 1 | 1 | 1 | 1 |
| 23 | 70106-002 | FABRICATION, BRACKET, CONDENSER, AIR CONDITIONER, FM16R & FM18R, TOP | 1 | 1 | 1 | 1 |
| 22 | 70099-001 | FABRICATION, SUPPORT, BASE, AIR CONDITIONER, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 21 | 70098-001 | FABRICATION, BRACKET, BLOWER, AIR CONDITIONER, FM12R, FM16R & FM18R | 1 | 1 | 1 | 1 |
| 20 | 70091-001 | DETAIL, PLATE, DECORATIVE CONDENSER COVER, FM12R /FM16R / FM18R | 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 | 60212-001 | EVAPORATOR, 18000 MBTU, 12HX12W, 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 | 60032-002 | HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 240VAC, DBL END THRD BULKHEAD | - | - | - | 1 |
| 5 | 60032-001 | HEATER ELEMENT, COIL, 45"L, 8MM, 2000W, 120VAC, DBL END THRD BULKHEAD | 1 | - | - | - |
| 4 | 60010-001 | BLOWER, PSC, SHADED POLE, 1TDT3, 230V | - | - | 1 | 1 |
| 3 | 60006-001 | BLOWER, PSC, SHADED POLE, 1TDT2, 115V | 1 | 1 | - | - |
| 2 | 50003-001 | FABRICATION, TUBING, AIR CONDITIONER, FM12R / FM16R / FM18R | 1 | 1 | 1 | 1 |
| 1 | 20015-001 | ASSEMBLY, CONTROL BOX, SELF CONTAINED, A/C, UNIVERSAL | 1 | 1 | 1 | 1 |
| ITEM NO. | PART NUMBER | DESCRIPTION | 20024-012/QTY. | 20024-002/QTY. | 20024-102/QTY. | 20024-112/QTY. |

FLAGSHIP MARINE, INC. BILL OF MATERIALS

Flagship Marine
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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 | |
| NONE | | MACHINED SURFACES: √ U.O.S | |
| NEXT ASSY | USED ON | | |
| APPLICATION | | DO NOT SCALE DRAWING | |

TITLE: ASSEMBLY, AIR CONDITIONER FM18R, TOP

PART NO. 20024-XX2

SIZE **B** DWG. NO. **FM20024** REV **A**

OLD PART NO. -

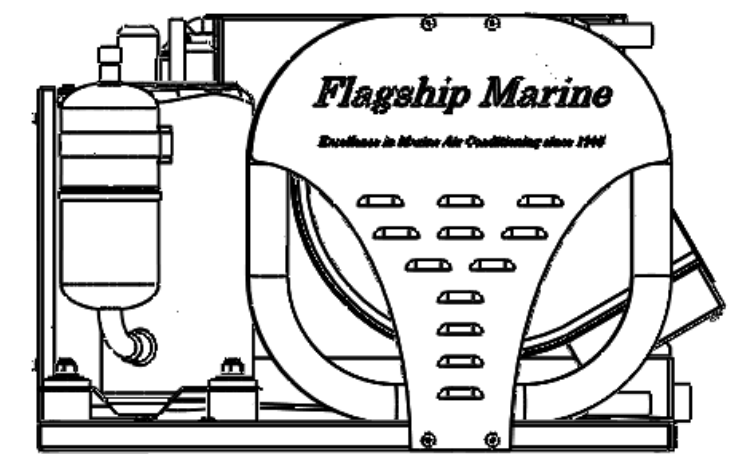
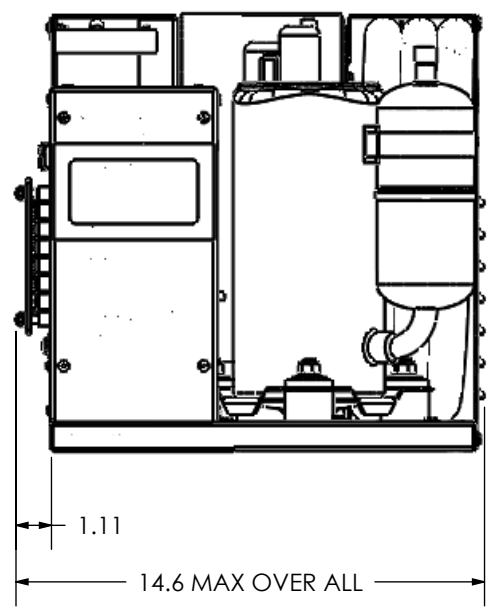
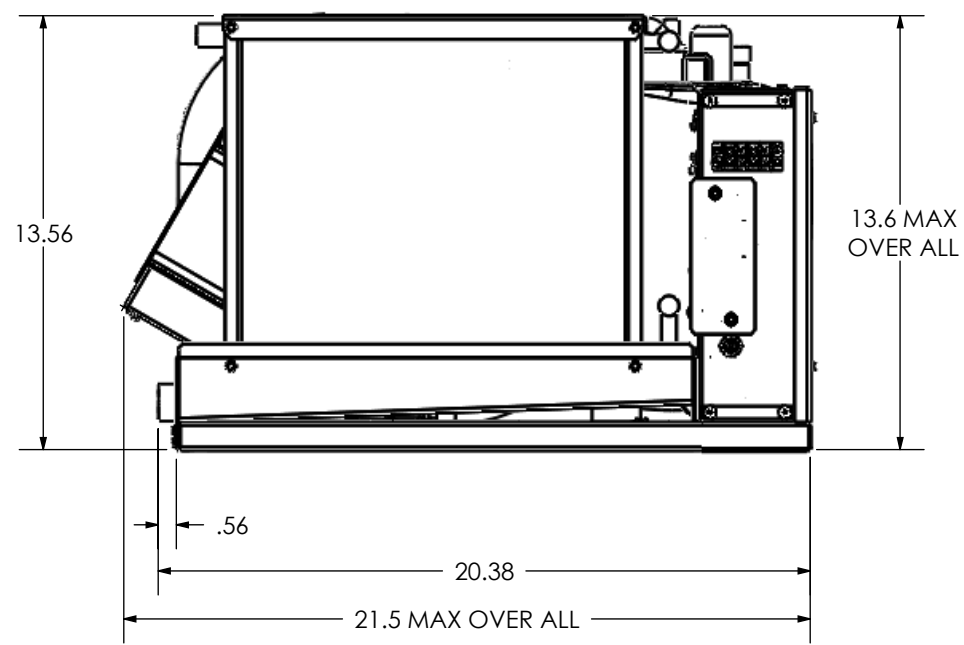
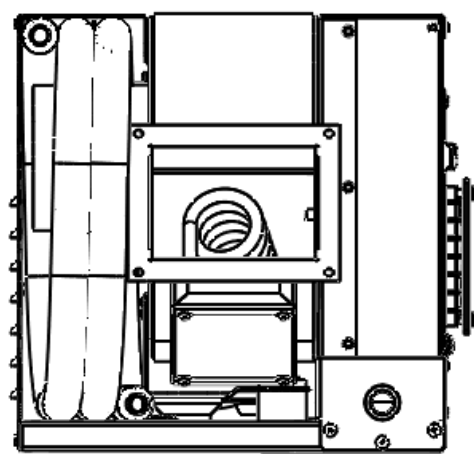
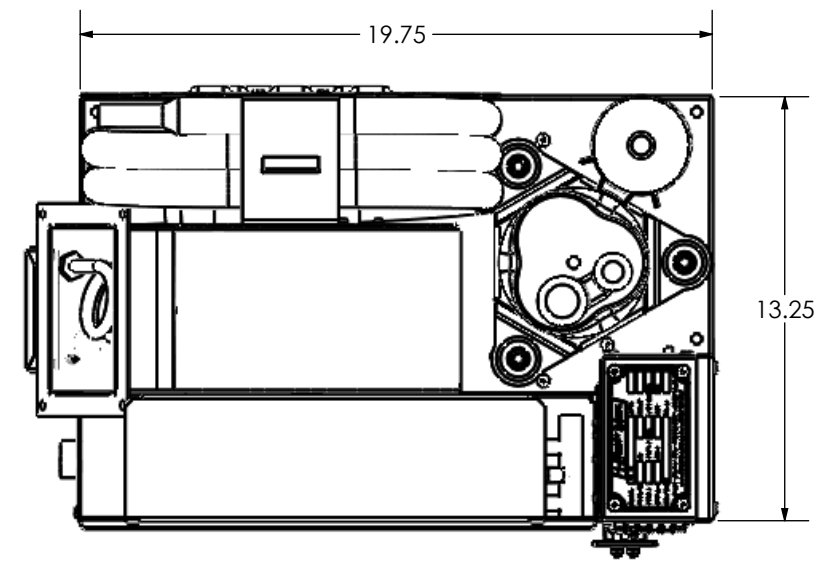
SCALE: 1:5 WGT: 125.94 LBS SHEET 2 OF 5

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

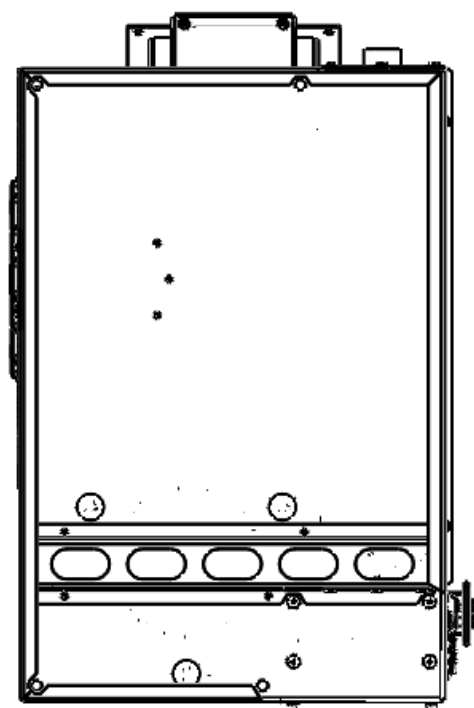
8 7 6 5 4 3 2 1

D
C
B
A


D
C
B
A

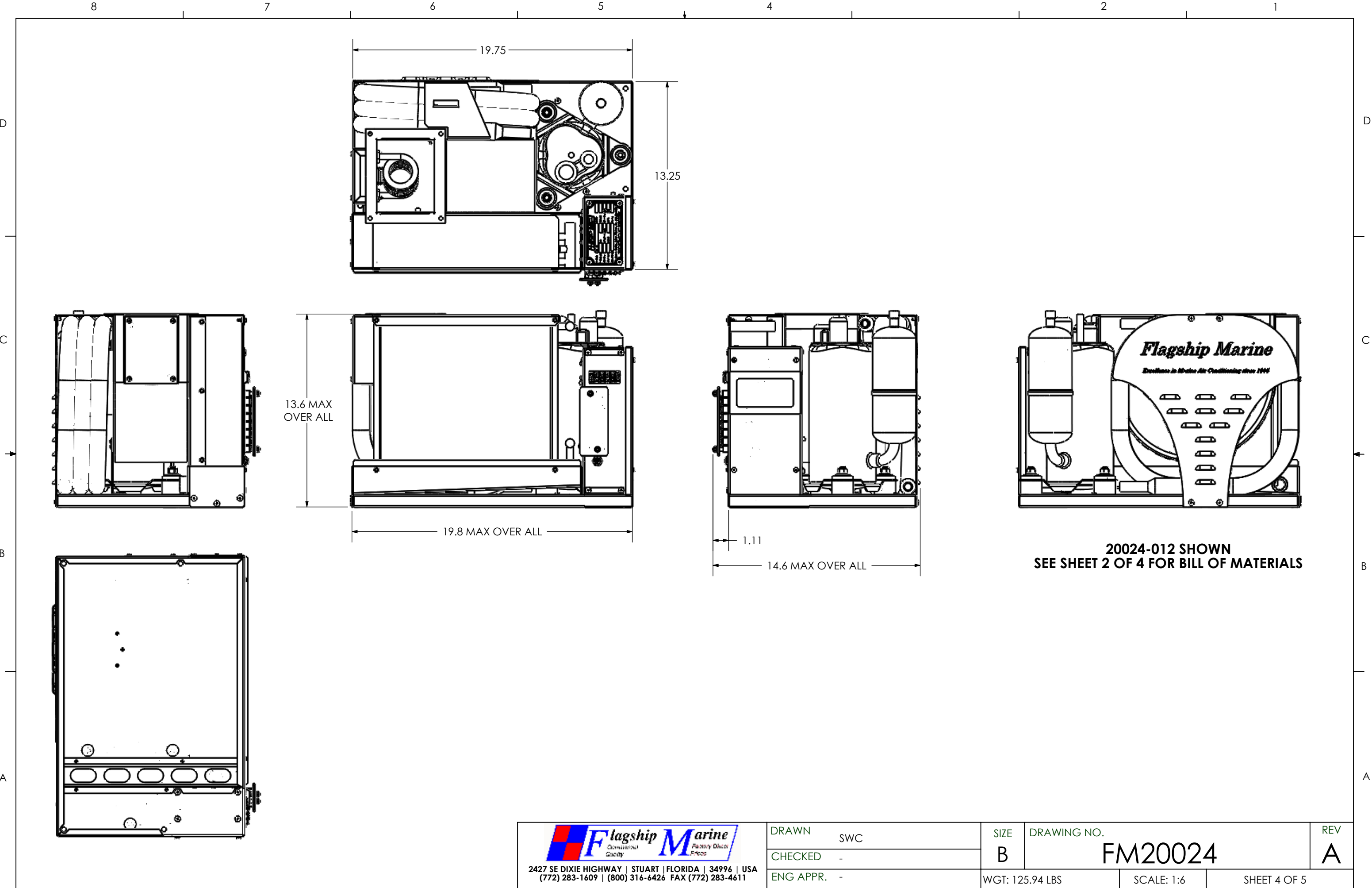


20024-011 SHOWN
SEE SHEET 1 OF 4 FOR BILL OF MATERIALS



8 7 6 5 4 3 2 1

| | | | | | |
|--|-----------|-----|-----------------|-------------|--------------|
|  <p>2427 SE DIXIE HIGHWAY STUART FLORIDA 34996 USA (772) 283-1609 (800) 316-6426 FAX (772) 283-4611</p> | DRAWN | SWC | SIZE | DRAWING NO. | REV |
| | CHECKED | - | B | FM20024 | A |
| | ENG APPR. | - | WGT: 123.59 LBS | SCALE: 1:6 | SHEET 3 OF 5 |



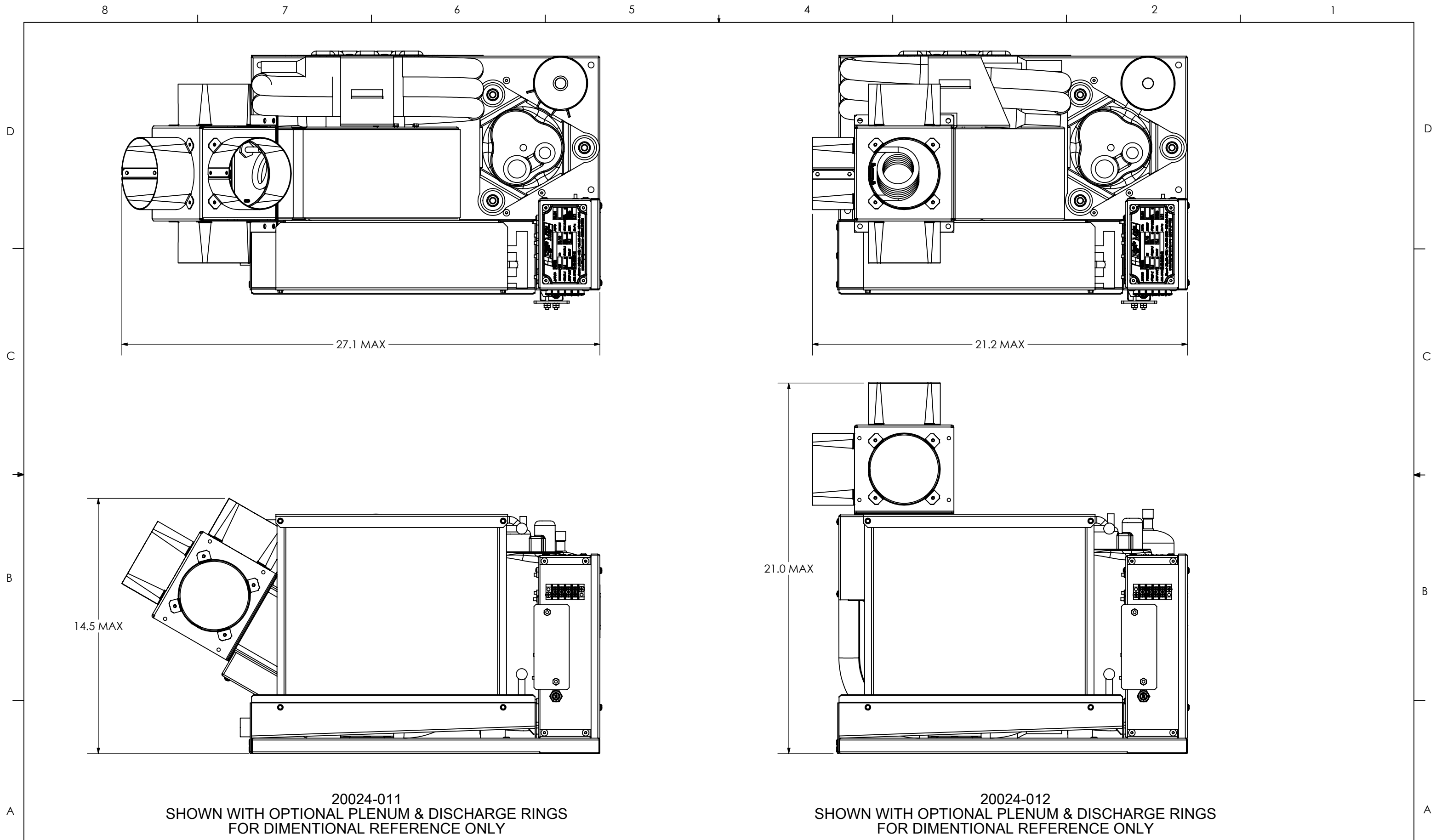
Flagship Marine
COMMERCIAL QUALITY PURELY DESIGN PRECISE

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

| | |
|-----------|-----|
| DRAWN | SWC |
| CHECKED | - |
| ENG APPR. | - |

| | |
|------|-------------|
| SIZE | DRAWING NO. |
| B | FM20024 |

| | | | |
|-----------------|------------|--------------|----------|
| WGT: 125.94 LBS | SCALE: 1:6 | SHEET 4 OF 5 | REV A |
|-----------------|------------|--------------|----------|



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| | | | | | |
|-----------|-----|-----------------|-------------|--------------|-----|
| DRAWN | SWC | SIZE | DRAWING NO. | | REV |
| CHECKED | - | B | FM20024 | | A |
| ENG APPR. | - | WGT: 124.40 LBS | SCALE: 1:6 | SHEET 5 OF 5 | |