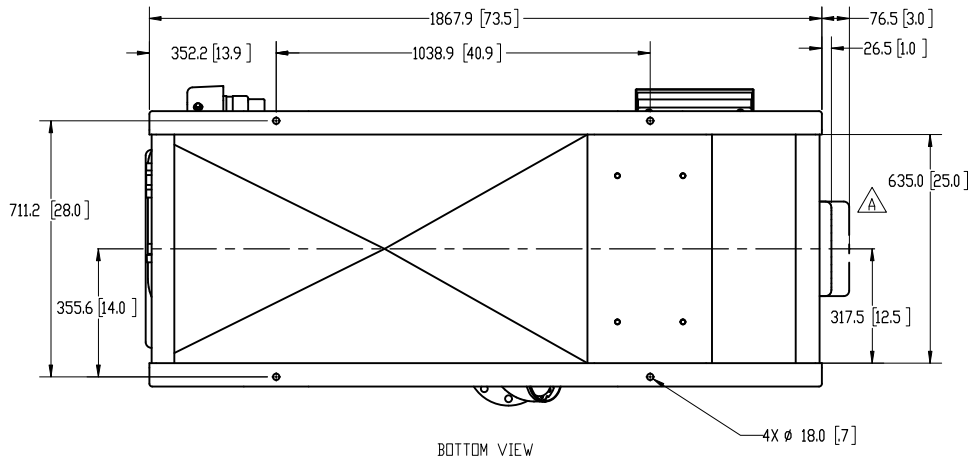
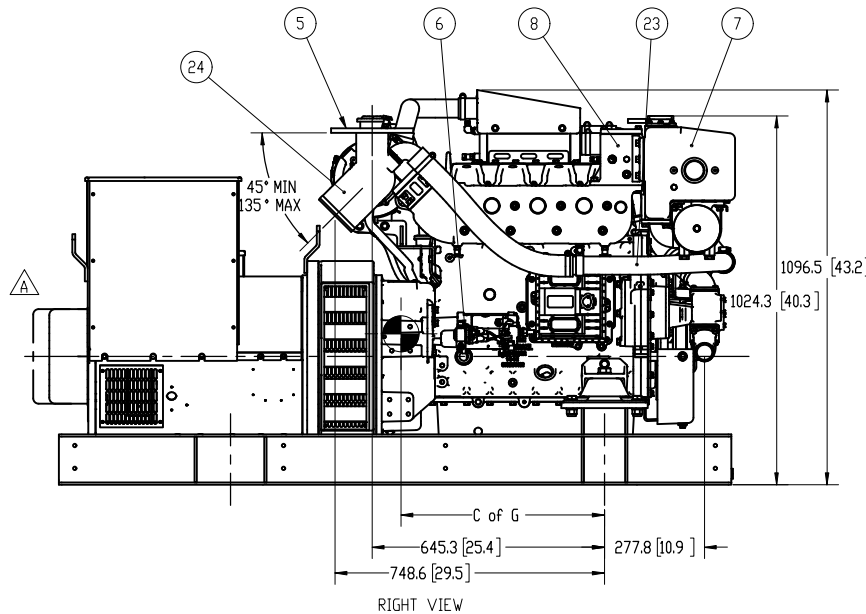
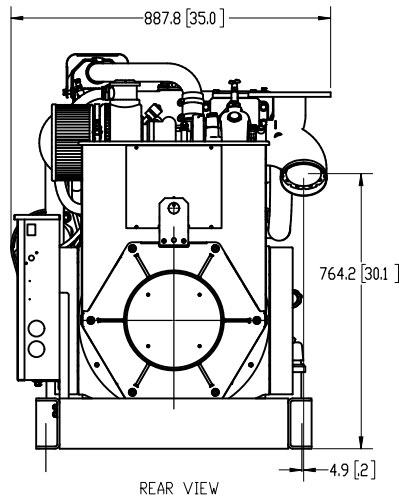
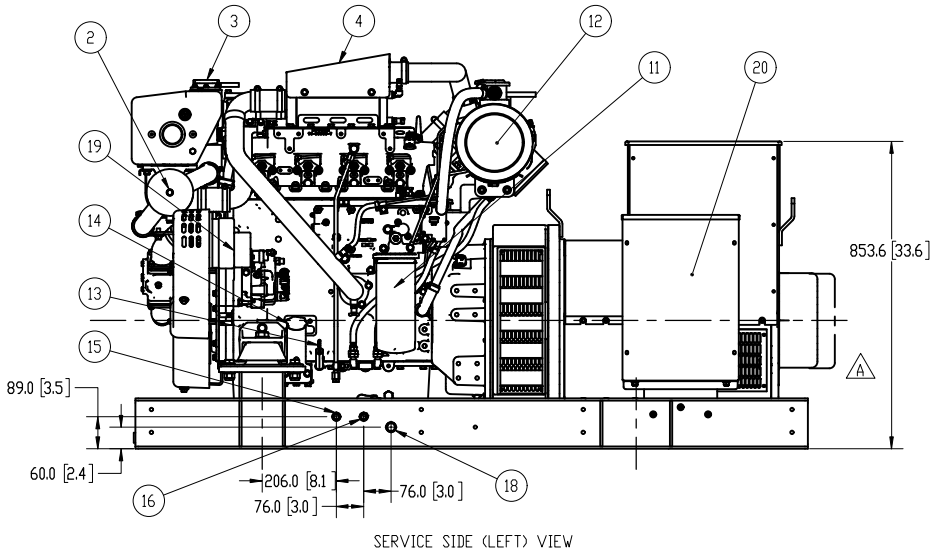
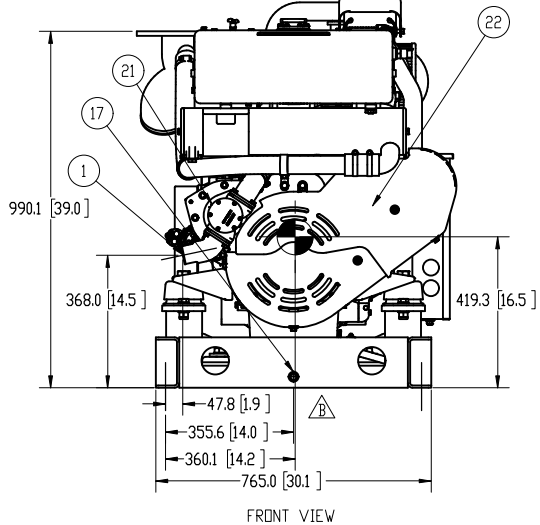
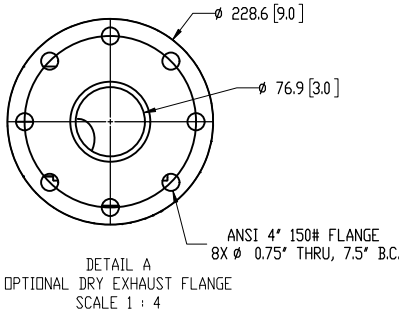
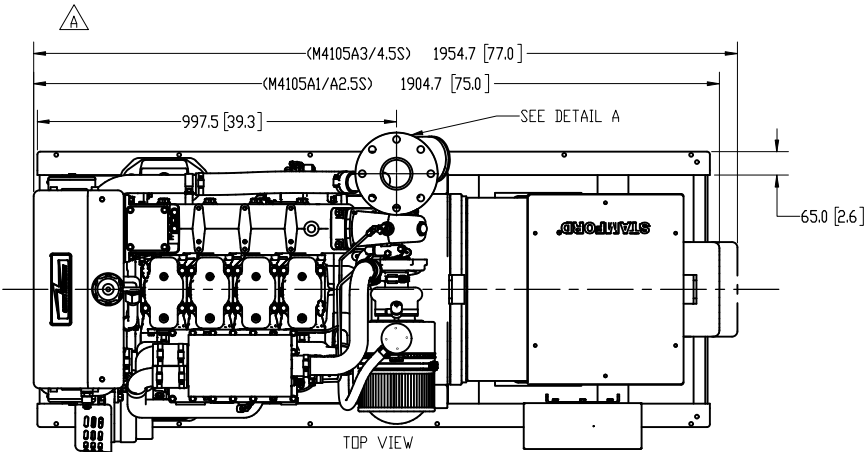


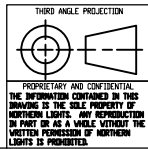
| REVISIONS |                                                                                      |           |     |
|-----------|--------------------------------------------------------------------------------------|-----------|-----|
| REV.      | DESCRIPTION                                                                          | DATE      | BY  |
| A         | REVISED THE TABLE, ADDED "SHADOW" OF PMG EXTENSION SO DRAWING FITS MULTIPLE GEN SETS | 3/27/2026 | JDH |
| B         | ADDED DRIP PAN OIL DRAIN COUPLER                                                     | 4/14/2026 | JDH |

| ITEM | DESCRIPTION                     | ITEM | DESCRIPTION                       |
|------|---------------------------------|------|-----------------------------------|
| 1    | RAW WATER INLET Ø 2.0" H.B.)    | 14   | ENGINE OIL FILL                   |
| 2    | HEAT EXCHANGER                  | 15   | FUEL RETURN PORT (3/8" NPT)       |
| 3    | COOLANT FILL                    | 16   | FUEL SUPPLY PORT (3/8" NPT)       |
| 4    | AFTERCOOLER                     | 17   | DRIP PAN DRAIN PORT (3/8" NPT)    |
| 5    | OPT. DRY EXHAUST ELBOW (Ø 4.0") | 18   | OIL DRAIN PORT (1/2" NPT)         |
| 6    | ELECTRIC STARTER                | 19   | ALTERNATOR                        |
| 7    | EXPANSION TANK                  | 20   | DC JUNCTION BOX                   |
| 8    | THERMOSTAT HOUSING              | 21   | RAW WATER PUMP                    |
| 9    | FUEL/ WATER SEPARATOR           | 22   | BELT GUARD                        |
| 10   | FUEL FILTER                     | 23   | RAW WATER OUTLET Ø 2" H.B.)       |
| 11   | OIL FILTER                      | 24   | OPT. WET EXHAUST ELBOW Ø 5" H.B.) |
| 12   | AIR & COALESCING FILTER         |      |                                   |
| 13   | ENGINE OIL DIPSTICK             |      |                                   |



NOTES: WEIGHT VALUES ARE APPROXIMATIONS.  
SHIPPING WEIGHT INCLUDES OIL BUT NO COOLANT.  
WET WEIGHT INCLUDES OIL AND COOLANT, VALUES  
ARE SUBJECT TO CHANGE, CONTACT NLI TO BE SURE  
YOU HAVE THE LATEST REVISION.

| MODEL      | DESCRIPTION                             | SHIPPING WEIGHT, LBS [KG] | WET WEIGHT, LBS [KG] | C of G [mm] |
|------------|-----------------------------------------|---------------------------|----------------------|-------------|
| M4105A1.5S | 90KW @ 1500 RPM (50HZ), HEAT EXCHANGED  | 2756 [1250]               | 2847 [1291]          | 565.3       |
| M4104A2.5S | 105KW @ 1500 RPM (50HZ), HEAT EXCHANGED | 2840 [1288]               | 2931 [1329]          | 588.6       |
| M4105A3.5S | 116KW @ 1500 RPM (50HZ), HEAT EXCHANGED | 2955 [1340]               | 3045 [1381]          | 614.5       |
| M4105A4.5S | 127KW @ 1500 RPM (50HZ), HEAT EXCHANGED | 2955 [1340]               | 3045 [1381]          | 614.5       |



| UNLESS OTHERWISE SPECIFIED: | NAME | DATE    |
|-----------------------------|------|---------|
| DRAWN                       | JDH  | 3/10/26 |
| CHECKED                     | TAH  | 3/17/26 |
| ENG. APPR.                  |      |         |
| MFG. APPR.                  |      |         |
| QA                          |      |         |
| MATERIAL                    |      |         |
| FINISH                      |      |         |
| DO NOT SCALE                |      |         |

|                                                                   |           |                                                                                       |              |
|-------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|--------------|
| NORTHERN LIGHTS                                                   |           | 4420 14th AVE. N.W.<br>Seattle, WA 98107<br>(206) 789-3880<br>www.northern-lights.com |              |
| TITLE:<br>INSTALLATION DIMENSIONS<br>M4105A1-A4.5S HEAT EXCHANGED |           |                                                                                       |              |
| SIZE                                                              | PART NO.  | DWG. NO.                                                                              | REV.         |
| D                                                                 | SEE TABLE | D-5683                                                                                | B            |
| SCALE: 1:10                                                       |           | WEIGHT: NOTED IN TABLE                                                                | SHEET 1 OF 1 |