

ENGINEERING DATA SHEET

**2475**

(Packaged and Configured)

CCN: 47725347
 Rev: B ECO 1434180
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 Date: 28-Jan-21

Point of Manufacture - Campbellville

Bare Details:

Specifications:

Bore: 4" & 2.5"
 Stroke: 2.75"
 Maximum pressure : 250(17.24) psig(bar)
 Sheave OD: 13.75"
 Sheave PD: 13.5"
 Inlet size: 1" NPT
 Discharge size: 0.5" NPT
 Belt Type / Quantity: A/1
 Min/Max RPM: 575/1600
 Air-cooled Aftercooler CTD: 25°F

Lubrication:

Types: *XL300; **All-Season T30 Select; ***XL740Ht
 Sump capacity: 1.30(1.23) qt(liter)

*Adjust viscosity to suit ambient conditions, XL300 should not be used in ambients below 40°F. Use premium quality, non-detergent, single-viscosity petroleum oils with R & O additives.

** Required for duty cycles above 70% load. Check lubricant compatibility sheet before using.

*** Required for ambients in excess of 100°F. Check lubricant compatibility sheet before using.

Tank Details:

Tank size / Configuration: 30 Gal/Horizontal (Gas / Diesel Only)
 80 Gal/Vertical
 80 Gal/Horizontal
 120 Gal/Horizontal (Duplex Only)

Pressure rating: 200(13.8) psig(bar)
 Codes: ASME Sec VIII & CRN

Drive Details:**AMP draw:**

| | 200-1-60 | 230-1-60 | 200-3-60 | 230-3-60 | 460-3-60 | 575-3-60 |
|-------|----------|----------|----------|----------|----------|----------|
| 5HP | 32.2 | 28 | 17.5 | 15.2 | 7.6 | 6.1 |
| 7.5HP | | 40 | 25.3 | 22.0 | 11 | 9.0 |

Note: Nominal Amps are based on NEC full load amperage rating for this size motor. Actual nameplate amps may vary according to motor design and/or motor manufacturer. Duplexes have the potential to run both motors at the same time, in this instance double the amp draw value.

| | 5 HP | 7.5 HP | 7.5 HP | 13 HP | 14 HP | 9.3 HP |
|-------------------|------|--------|--------|-------|-------|--------|
| Configured = C) | P;C | P;C | P;C | P | P | P |
| Efficiency | * | * | * | N/A | N/A | N/A |
| Motor RPM | 1775 | 3450 | 1775 | 3600 | 3600 | 3600 |

* Motors comply with EISA standards.

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Performance Data:

| Bare | Power (HP) | Pressure | Pump | Flow | BHP |
|--------------------------|------------|----------|------|------|-----|
| 2475 (P;C) | 5 | 75 | 1040 | 17.3 | 4.5 |
| 2475 (P;C) | 5 | 125 | 1040 | 17.1 | 4.8 |
| 2475 (P;C) | 5 | 175 | 1040 | 16.8 | 5.5 |
| H2475 (C) | 5 | 250 | 910 | 14.1 | 5.2 |
| 2475 (P;C) | 7.5 | 75 | 1500 | 24.3 | 7.3 |
| 2475 (P;C) | 7.5 | 125 | 1500 | 24.2 | 7.8 |
| 2475 (P;C) | 7.5 | 175 | 1500 | 24.0 | 8.1 |
| 2475 - Gas-Honda (P) | 13 | 175 | 1600 | 25.0 | 8.2 |
| 2475 - Gas-Kohler (P) | 14 | 175 | 1600 | 25.0 | 8.2 |
| 2475 - Diesel-Yanmar (P) | 9.3 | 175 | 1415 | 22.6 | 7.6 |
| 2475 - Diesel-Kohler (P) | 8.5 | 175 | 1375 | 22.0 | 7.4 |

Note: Duplex units multiply capacity by two when both units are running.

Operating Environment:

Minimum operating temperature: 32(0) deg.F(deg.C)
 Maximum operating temperature: 100(37.78) deg.F(deg.C)

Electricals:

Magnetic starter:
 Pressure switch:
 Alternator:

| | Fully Packaged | Configured |
|-------------------|-------------------------|-------------------------------------|
| Magnetic starter: | E-Series standard | E-Series standard; Deluxe optional |
| Pressure switch: | Non-adjustable standard | Non-adjustable standard; Adjustable |
| Alternator: | E-Series standard | E-Series standard; Deluxe optional |

Dimensions & Shipping weight:

| | 5 HP 80 Gal. Vertical | 5 HP 80 Gal. Horizontal | 5 HP (Duplex) 120 Gal. Horizontal |
|-----------------|--------------------------|----------------------------|--------------------------------------|
| L x W x H (in): | 48 x 40 x 76 | 74 x 43 x 49 | 88 x 60 x 60 |
| Weight (lbs): | 670 | 500 | 1300 |

| | 7.5 HP 80 Gal. Vertical | 7.5 HP 80 Gal. Horizontal | 7.5 HP (Duplex) 120 Gal. Horizontal |
|-----------------|----------------------------|------------------------------|--|
| L x W x H (in): | 48 x 40 x 76 | 74 x 43 x 49 | 88 x 60 x 60 |
| Weight (lbs): | 675 | 525 | 1350 |

| | Gas Engine Driven 30 Gal. Horizontal | Diesel Engine Driven 30 Gal. Horizontal | Gas Engine Driven Baseplate |
|-----------------|---|--|--------------------------------|
| L x W x H (in): | 48 x 22 x 41 | 48 x 22 x 45 | 48 x 27 x 22 |
| Weight (lbs): | 455 | 515 | 390 |

Note: For model specific dimensions and weight, reference GA drawings.

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- Notes:**
- 1) For specific code requirements like CSA, CRN, ASME contact your channel marketing manager.
 - 2) For model specific GA, electrical schematic and fluid flow schematic or any specific information contact your channel marketing manager.

SPECIAL OPTIONS/FEATURES NOT AVAILABLE ON THESE UNITS

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