

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:

	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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