ENGINEERING DATA SHEET

15T

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Date: 23 Jan.2009
Cancels: All Previous

Point of Manufacture - Campbellsville

Bare Details:

Specifications:

Bore:	5" & 5" & 3.5"	
Stroke:	4"	
Maximum pressure :	250(17.24)	psig(bar)
Sheave OD:	21.25"	
Sheave PD:	20.50"	
Inlet size:	1.5" NPT	
Discharge size:	1.25" NPT	
Belt Type / Quantity:	C/2	
Min/Max RPM:	550/1080	

Lubrication:

Type:	XL300*, All-Season T30 Select**, XL740Ht***	
Sump capacity:	2.3(2.2)	qt(l)

* Adjust viscosity to suit ambient conditions, XL300 should not be used in ambients below 40 ^{0}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 ^{0}F. Check lubricant compatibility sheet before using.

Tank Details:

Tank size / Configuration:	120 Gal/Horizontal	
Pressure rating:	200(13.8)	psig(bar)
Codes:	ASME Sec VIII & CRN	

PORTLAND COMPRESSOR
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Motor Details:

AMP draw:

	200-3-60	230-3-60	460-3-60	575-3-60
15HP	48.3	42	21	17
20HP	62.1	54	27	22

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.

	15 HP	20 HP
Efficiency	*	*
Motor RPM	1775	1775

* Motors comply with EPACT standards.

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Performance Data:

Bare	Power (HP)	Pressure (psig)	Pump speed (rpm)	Flow (acfm)	BHP
15T	15	125	800	54.5	16.0
15T	15	175	800	53.0	16.4
15T	20	125	1080	73.1	20.9
15T	20	175	1080	72.0	22.5

Note: 1) Duplex units multiply capacity by two

Operating Environment:

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

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Electricals:

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

Dimensions & Shipping weight:

	15 HP Horizontal Tank	20 HP Horizontal Tank
L x W x H (in):	77.4 x 34 x 60.8	77.4 x 34 x 60.8
Weight (lbs):	1700	1700

Note: For model specific dimensions and weight contact your channel marketing manager.

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.