

COMPRESSOR DATA SHEET

Centrifugal Compressor

MODEL DATA - FOR COMPRESSED AIR			
1	Manufacturer:	Date:	
2	Model Number: <input checked="" type="checkbox"/> Air Cooled <input type="checkbox"/> Water Cooled <input type="checkbox"/> Packaged (mounted) Inlet Filter <input type="checkbox"/> Packaged (mounted) Unloading Control Valve <input type="checkbox"/> Packaged (mounted) Unloading Silencer <input type="checkbox"/> Packaged (mounted) Aftercooler <input type="checkbox"/> Packaged (mounted) Unit Control Panel	# of Stages:	
		VALUE	UNITS
3	Rated Capacity at Full Load Operating Pressure ^{a,d,e}		acfm ^a
4	Full Load Operating Pressure ^b		psig ^b
5	Drive Motor Nameplate Rating		hp
6	Drive Motor Nameplate Nominal Efficiency		percent
7	Drive Motor Nameplate Rated Speed		RPM
8a	Fan Motor Nameplate Rating (if applicable)		hp
8b	Fan Motor Nameplate Nominal Efficiency (if applicable)		percent
9	Unloaded Power Consumption ^{c,d}		kW
10	Total Package Input Power at Rated Capacity and Full Load Operating Pressure		kW
11	Specific Power Consumption at Rated Capacity and Full Load Operating Pressure ^{d,e}		kW/100 cfm

NOTES:

- a. Measured at the discharge terminal point of the compressor package. ACFM is actual cubic feet per minute at inlet conditions of; inlet temperature of 95 F, inlet pressure of 14.5 psia, cooling water temperature of 85 F, and relative humidity of 60%. When an inlet filter is not an integral part of the package an Inlet pressure drop of 0.2 psia shall be applied. When filter is not an integral part of the acceptance test, a test air filter/piping system with this inlet pressure drop specification shall be mounted.
- b. The operating pressure at which the capacity (Item 3) and electrical consumption (Item 11) were measured for this data sheet.
- c. Tolerances are +/- 10% for unloaded power.
- d. Guaranteed value.
- e. Tolerances are +/- 4% for capacity and +/- 5% for specific power.

