

USDA ENERGY AUDIT PROGRAM

4. AIR COMPRESSORS:

Type of Compressor (See Mfg Catalog)*	Manufacturer Details (From Name Plate)	Quantity	HP Rating of Compressors (From Name Plate)	Max Rated Pressure and Operating Pressure in <i>psi</i> (From Name Plate)	Annual Operating Hours
	Manufacturer: Model No / MFG No: Serial No:				
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* There are different types of compressors like, - rotary screw, reciprocating, centrifugal etc.,

Is compressor intake inside the building or outside the building? _____

If the compressor is located inside the building then,
How far is the compressor from the nearest outside access in feet? _____

Approximate temperature of the air near the compressor: _____ °F

Minimum Required Pressure for operation (PSI): _____

Are there any rooms or areas near the compressor that is heated during winter? YES / NO

If YES, how far is this area from the compressor? _____ ft.

Are any air nozzles or air hoses used for cleaning or for any other purpose? YES / NO

If YES: - Regular / Vortex type _____

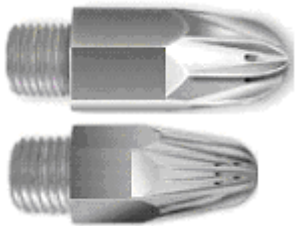
P.S.: Vortex Nozzles are air nozzles that take surrounding air and mix it with compressed air before releasing the air.

If Regular type is used: Inner diameter of the Nozzle opening: _____

No. of Nozzles: _____

Operating Hours of Nozzles/day: _____

Pressure at the Nozzle: _____ PSI

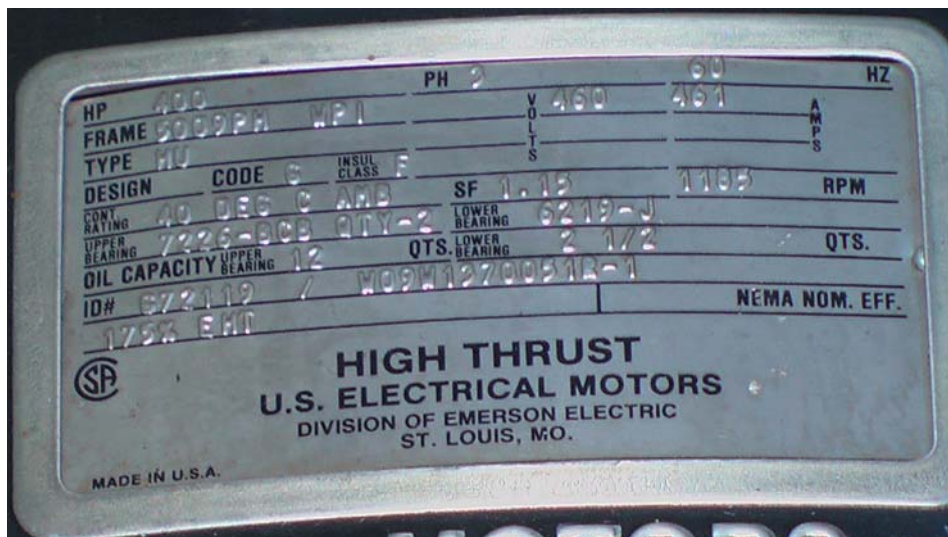


Example of Vortex Nozzles

Compressed Air temperature: _____ °F

Lubricant used for the Compressor:- _____ (See on the Lubricant container)

Does compressor operate during weekends or nights? _____



Example of Name Plate

Comments or other Information: