

# Baldor Cooling Tower Motor RFQ

Company Name: \_\_\_\_\_ Project : \_\_\_\_\_

Fan Diameter (ft.) \_\_\_\_\_ Air Flow (cfm) \_\_\_\_\_

\_\_\_\_\_ Ambient Temp \_\_\_\_\_

Fan Speed (RPM) \_\_\_\_\_ Static Pressure \_\_\_\_\_

Existing Motor Hp \_\_\_\_\_ (inches of H2O) \_\_\_\_\_

Fan Shaft Hp \_\_\_\_\_

This is normally an odd number ex: 42.3 Hp Air Density(lb/ft<sup>3</sup>) \_\_\_\_\_

Based on operating conditions \_\_\_\_\_

\_\_\_\_\_ Fan mfg P/N. \_\_\_\_\_

Voltage required \_\_\_\_\_

\_\_\_\_\_ No. Fan Blades \_\_\_\_\_

Height Restriction? Yes / No "A" (inches) \_\_\_\_\_

If Yes, please give maximum height from motor mounting plate to shaft extension (see diagram - "A" dimension)

Match Existing Bolt Hole Pattern? Yes / No \_\_\_\_\_

If Yes, please give existing Bolt Hole Pattern \_\_\_\_\_

Air Velocity in Region of Motor (ft/min) \_\_\_\_\_

(shaded area shown below),

If retrofit.....

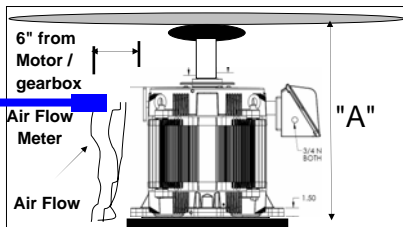
Gearbox Manufacturer \_\_\_\_\_

Gearbox Model No. \_\_\_\_\_

The Baldor Solution requires a Baldor CTPM VFD

Approximate distance from motor to VFD location \_\_\_\_\_ Feet

Drive location: Control Room  Outside:

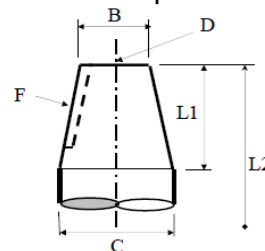


Fan Shaft Dia	Keyway
1.999" +/- .0005"	1/2" x 1/4"
2.374" +/- .0005"	5/8" x 5/16"
2.624" +/- .0005"	5/8" x 5/16"
2.999" +/- .0005"	3/4" x 3/8"

Other Shaft Dia Requirements

For Tapered shafts if required

Small end dia "B" \_\_\_\_\_  
 Large end dia "C" \_\_\_\_\_  
 Length of taper "L1" \_\_\_\_\_  
 Length of exposed shaft "L2" \_\_\_\_\_  
 Keyway size "F" \_\_\_\_\_  
 Shaft end drilled & tapped hole "D" \_\_\_\_\_



Required information to quote properly

Questions regarding above information

Please contact local Baldor District Office

