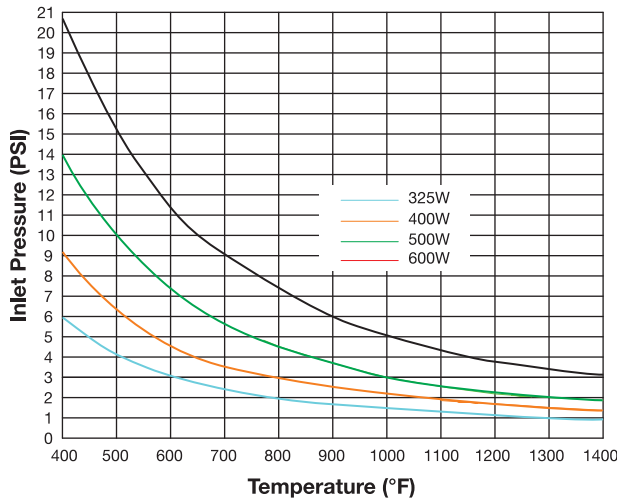
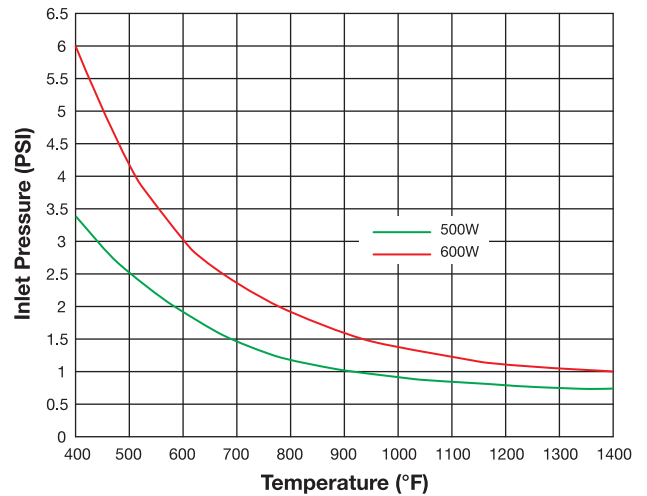


HAC In-Line Air Process Heaters

Pressure vs. Temperature
(1/2" diameter heaters)



Pressure vs. Temperature
(11/16" diameter heaters)



Exit air temperature depends on heater wattage and air flow rate. The above charts show exit air temperature at various inlet air pressures and wattages on 1/2" and 11/16" OD heaters.

Linear Air Pumps for HAC In-Line Air Process Heaters

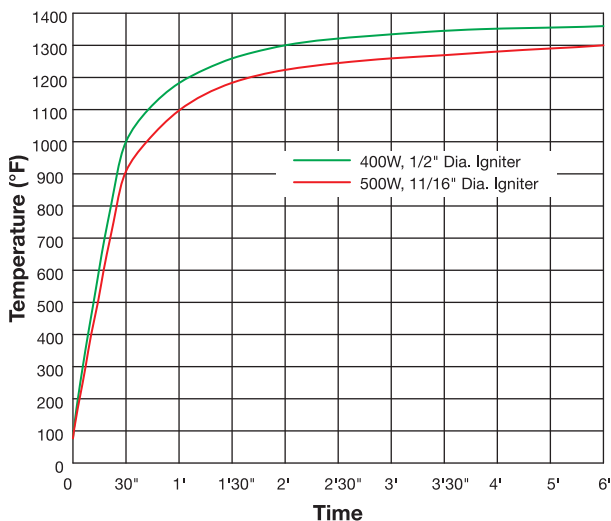
(Data below is for Pump Part Number PMP-101-101)

Design Features

- * High Efficiency
- * Low Vibration
- * Quiet Operation
- * UL Component Recognition



Temperature vs. Time
(1.1 CFM Pump)



The above chart shows the time for the exit air temperature to reach steady state condition at 1.1 CFM using Tempco's air pump.

Pump Data (Part Number PMP-101-101)

Head Configuration:		Pressure			
Pressure:		Flow @ 115V/60			
CFM@PSI	LPM@BAR	CFM	LPM	Amps	Watts
0	0	1.1	31.1	0.23	15
1	.1	0.62	10.5	0.23	12
2	.2	0.09		0.24	9
Max. Continuous Pressure:		2.0 PSI		0.14 bar	
Max. Intermittent Pressure:		2.32 PSI		0.16 bar	

HAC In-Line heaters can be connected to your air supply lines with an air pressure regulator. For self-contained units, Tempco air pumps can be directly connected to HAC In-Line process heaters. The pump comes with a 12" rubber hose for easy connection to the heater inlet.