



## CTI IS-1000 OB

### Technical Specifications

Parameter	Low Volt	High Volt
Operating Voltage	180 - 253 VAC	342 - 528 VAC
Line Frequency	50/60 Hz	50/60 Hz
Phase	3	3
Nominal Input Power	5.8 KW	5.8 KW
Rated Full Load/Locked Rotor Current	19/85	10/42
Minimum Electrical Service	30 Amps	20 Amps

Compressor Type	Weight lbs./kg
IS 1000 Low Volt	210/95
IS 1000 High Volt	222/102

#### Cooling Water Specifications

Parameter	Value
Maximum Inlet Temperature	90°F (32°C)
Minimum Inlet Temperature	50°F (10°C)
Flow Rate <sup>1</sup>	2.75 ±1.25 gpm (10.4 ± 4.7 lpm)
Maximum Inlet Pressure	100 psi (6.9 bars)
Alkalinity	6.0 - 8.0 pH
Calcium Carbonate	< 75 ppm
Deionized Water Usage	Do not use above 100,000ohm-cm resistivity

**NOTE:** Water conditioning may be required for applications not meeting these requirements.



# PROVAC

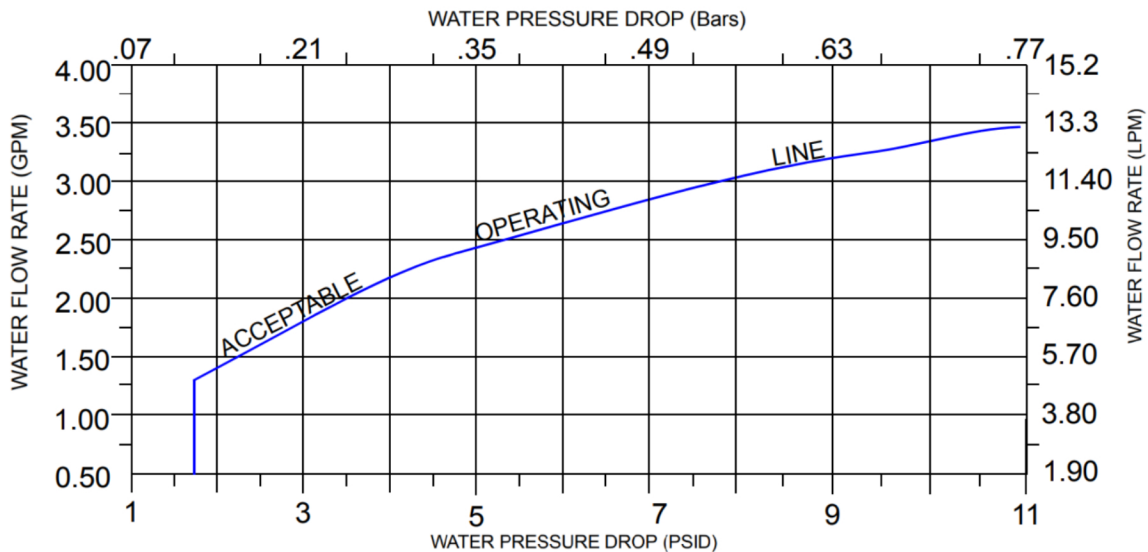
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## CTI IS-1000 OB Pumping Curves



**NOTE:** Figure 1-3 defines the water flow rate through the Compressor as a function of the pressure drop from water inlet to water outlet. You must provide the correct pressure drop in your water supply system to ensure that the water flow condition meets the requirements specified

## Dimensions

