



## Series 2000 Blower Local Control Panel

The HSI 2000 is a PLC based control panel that is operated by a two-line display. The PLC contains a built-in EEPROM, thus no battery is necessary. The 2000 is capable of alarming and shutting down due to:



- Blower Surge
- Motor Overload
- Blower Bearing Vibration
- Blower Bearing Temperature
- Motor Bearing Vibration
- Motor Bearing Temperature
- Motor Winding Temperature
- Discharge Pressure
- Flow

Additional Capabilities include:

- Automated Inlet Valve Actuation
- Variable Frequency Drive Control
- Remote Alarm & Status

Control Functions can be driven by:

- Calibrated Amps
- Dissolved Oxygen Sensors
- Flow Meters
- Pressure Sensors
- Vibration Sensors

### Technical Data

Enclosure .....	Carbon Steel (NEMA 4) or Stainless Steel (NEMA 4X)
Panel Display .....	2 x 20 character LCD display with LED Backlights
Power .....	120VAC or optional 220VAC
PLC .....	CPU Memory 14.8K words, Ladder memory 7680 Flash, Local I/O 256 points, Remote I/O 2048 points, RLL ladder logic
Inputs .....	120VAC digital inputs or optional 24VDC, Analog 4-20 milliamp
Outputs .....	Analog 4-20 milliamp, 120VAC Relay Contacts rated 2A
Communications .....	Profibus & Modbus Master/Slave
Weight.....	Approx. 75 LBS. (34 KG)

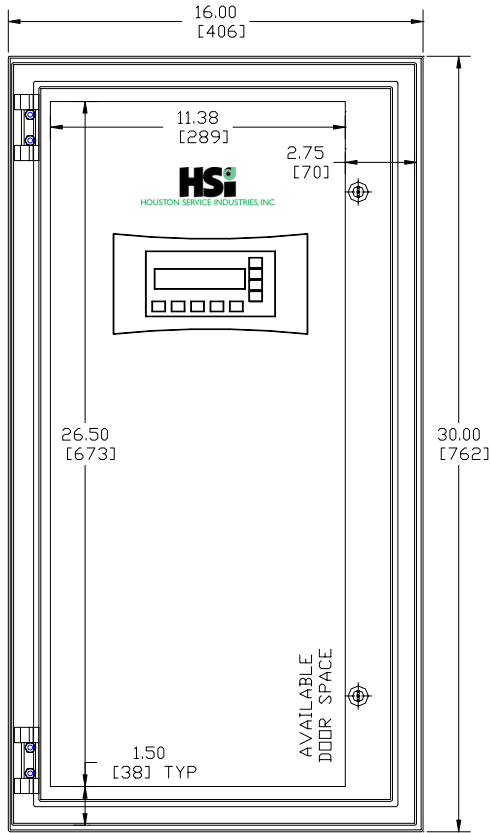
### Accessories Available

Current Transducer	RTD and Temperature Transmitter Combo
Vibration Transmitter	Analog Output Card (2 channel)
RTD Transmitter	Plastic Hinged Window Cover

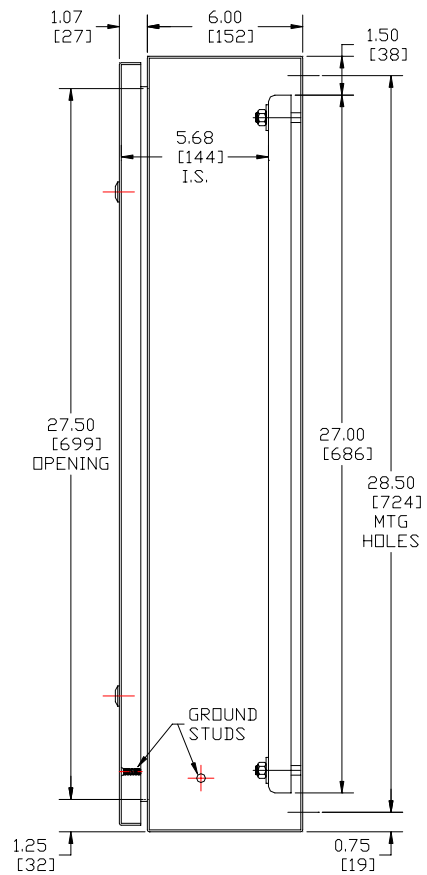


# General Dimensional Drawings

**Front View**



**Side View**



**Top View**

