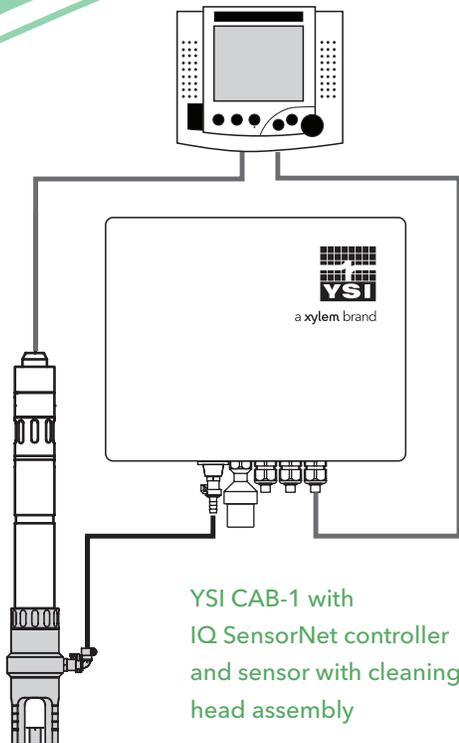




# YSI Air Compressor

SINGLE AND MULTICHANNEL SENSOR CLEANING SYSTEMS

The **YSI Air Compressor** provides high pressure air cleaning to IQ SensorNet sensors through relay connections. The YSI Air Compressor is available in single, dual or four channel to provide cleaning for up to 4 IQ SensorNet probes at a time.



### Cost Savings

Two and four channel options clean multiple probes at once, lowering installation costs.



### Low Maintenance

The unit's powerful compressor keeps sensors clean and lowers manual maintenance requirements.



### Easy Integration

The compressor is compatible with **IQ SensorNet**, YSI's extensive suite of online process instrumentation.



# YSI Air Compressor DATA SPECIFICATIONS

|                                       |   |
|---------------------------------------|---|
| Channels                              | CAB1-1 and CAB1-2: One<br>CAB2-1 and CAB2-2: Two<br>CAB4-1 and CAB4-2: Four   |
| Compressed Air Outputs                | One, two or four (dependent on instrument)  |
| Electrical Rating                     | CAB1-1: 115 VAC +/- 10%, 60 Hz, 350 VA<br>CAB2-1: 115 VAC +/- 10%, 60 Hz, 375VA<br>CAB4-1: 115 VAC +/- 10%, 60 Hz, 400 VA<br>CAB1-2: 230 VAC +/- 10%, 50/60 Hz, 300 VA<br>CAB2-2: 230 VAC +/- 10%, 50/60 Hz, 325 VA<br>CAB4-2: 230 VAC +/- 10%, 50/60 Hz, 350 VA  |
| Ingress Protection (Enclosure Rating) | IP65  |
| Compressor Type                       | Air compressor, light, non-continuous duty  |
| Pressure Supplied                     | 65 to 85 PSIG   |
| Operating Temperature Range           | 32° to 122°F (0° to 50°C)<br>14° to 122°F (-10° to 50°C) with optional heater   |
| Environmental Operating Conditions    | <ul style="list-style-type: none"> <li>• Suitable for dry locations within temperature operating range</li> <li>• Humidity Range: 0 to 95%, non-condensing</li> <li>• Atmospheric pressure: 11.53 to 14.7 psi</li> <li>• Elevation location for deployment: sea level to 2000 meters above sea level</li> <li>• Environmental Pollution Degree = 2</li> </ul> |
| Maximum Pump Duty Cycle               | 1 minute ON, 15 minutes OFF   |
| Overvoltage                           | Category II   |
| Enclosure Dimensions (Door Hinges Up) | 17.5" W x 16" H x 10.5" D<br>(44.5 cm W x 40.65 cm H x 26.6 cm D)   |
| Weight                                | CAB-1 (115 VAC): 26 lbs; 11.8 kg<br>CAB-1 (230 VAC): 28 lbs; 12.7 kg<br>CAB-2 (115 VAC): 35 lbs; 15.9 kg<br>CAB-2 (230 VAC): 37 lbs; 16.8 kg<br>CAB-4 (115 VAC): 35 lbs; 15.9 kg<br>CAB-4 (230 VAC): 37 lbs; 16.8 kg  |
| Optional Heater Electrical Voltage    | Single and multichannel, 120V or 240V   |
| Electrical Safety                     | See Declaration of Conformity in Operator's Manual  |
| Warranty                              | 1 Year  |

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