

Instrument Air Systems

ABOUT

The Powerex Instrument Air systems are NFPA 99 compliant and feature 250 psi lubricated compressors, HMI touch screen panel, dual desiccant dryers, air receiver, and a dew point monitor set to alarm at -22°F. Extra heavy duty compressor design, state of the art touch screen display, and ease of installation makes Powerex your choice for your instrument air needs.



SYSTEM FEATURES

- 250 psi lubricated air compressors
- HMI touch screen display
- Run time hour meter for each pump (on HMI)
- High air temperature shutdown with indication on the display (on HMI)
- Full voltage starter with overload protection
- Maintenance counter with alarm warning display (on HMI)
- System pressure display (on HMI)
- General compressor fault with remote contacts
- Automatic start/stop control with energy saving variable-pump-drive system
- Inlet filtration with replaceable elements
- Air-cooled aftercooler for each compressor
- Dual desiccant dryers
- Dew Point monitor set to alarm at -22°F

FRONT MOUNTED CONTROL PANEL

- HMI touch screen with digital display
- Programmable Logic Controller
- Power Distribution block
- Through door Motor Protector Circuit Breakers for all pumps
- Pressure Transducer
- Dual 120Vac control transformers with fused primary and secondary protection
- General Fault Dry contact to indicate: High Temperature condition or Motor Overload Trip
- Dry contacts to indicate High Dew Point
- Door mounted 95– dBA Audible indicator
- Dryer selector switch
- Fail safe features: back up low pressure switch, door mounted HOA switches, door mounted acknowledge/silence push button

Model	HP	Phase	Voltage	SCFM @ 200 PSIG	Tank Size (gal)	Dimensions (L x W x H) (in)	Shipping Weight (lbs)
Duplex – Model IPD							
IPD0504	5 (2)	3	208/230/460	15.5	120	66 X 65 X 79	1,850
IPD0754	7.5 (2)	3	208/230/460	19.6	120	66 x 65 x 79	1,940
IPD1004	10 (2)	3	208/230/460	29.0	120	79 x 65 x 80	2,540
Triplex – Model IPT							
IPT0504	5 (3)	3	208/230/460	31.0	120	79 x 97 x 81	2,610
IPT0754	7.5 (3)	3	208/230/460	39.2	120	79 x 97 x 81	2,900
IPT1005	10 (3)	3	208/230/460	58.0	200	79 x 97 x 85	3,842
Quadplex – Model IPQ							
IPQ0504	5 (4)	3	208/230/460	46.5	120	79 x 97 x 81	3,275
IPQ0755	7.5 (4)	3	208/230/460	58.8	200	79 x 97 x 85	3,680
IPQ1006	10 (4)	3	208/230/460	87.0	240	79 x 96 x 96	4,844

For more information, contact your local Powerex distributor or Powerex sales representative today!



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