

## **Air Compressor For Ventilator-(P6oSI)Digital**



## FEATURES:

- To avoid any bacterial infection, no storage device, such as tank used.
- It continuously generates pressure and flow to separate moisture a microprocessor along with solenoid valve and dryer assembly used.
- Oil-free Piston compressor delivers dry medical grade quality compressed air.
- Can be used as a standalone compressor or integrated with ventilator.

## Technical Specification:

### Pneumatic Data

Maximum Output Pressure:	4 bar (standard ventilator setting).
Maximum Output Flow:	90 I/min, continuous at 4 bar.
Particulate filtration:	99% of 5 micron or larger particulate removed.
Moisture separation:	Dryer cylinder used along with solenoid valve and microprocessor.
Dew Point Depression:	3.3 °C below room temperature at maximum output.

## Storage

Atmospheric Pressure:	780hPa < p < 1060hPa.
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## Physical Data

Air outlet connector:	3/4 "- 16 UNF (DISS) or DIN 13254 back side.
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Dimensions in inches:	16W X 14H X 16D (without Caster) caster size 3 inch.
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Noise:	Below 45dbA at 1 m distance.
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Filtration:	Air filters 5 microns.
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Weight:	25Kg.
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## Electrical Data

Power cord:	2 Meters.
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Power protection:	M.C.B. used.
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Power requirements:	230VAC +10% or -10% 50Hz.
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Power consumption:	Single phase, 600watts.
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## Indicators & switches

Main switch:	Electronic soft touch with LCD indication.
System fail:	Dialogue written on LCD Screen.
Stand By:	Dialogue written on LCD Screen.
Performance gauge:	Provided on front panel.
Temperature alarm:	Dialogue written on LCD Screen (optional).
Used time indicator:	Mechanical hour meter used.
Nebulizer port:	(Optional).

## Environmental Data

Ambient Operating Temperature:	10 c to 45 c Humidity below 90%1c to 60 c.
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