

VENTILAIR® II

A powerful and reliable source of medical compressed air

The VENTILAIR II is available for use with all Hamilton Medical ventilators without and independent air supply: HAMILTON-G5 and HAMILTON-S1, or in a mobile version for general-purpose use. It can be used as a primary air source or as a backup for wall air.

With its superior pressure and flow characteristics, the VENTILAIR II compressor ensures a constant supply of compressed air for medical ventilators. Due to an automatic switchover feature, the ventilator receives the compressor output without delay when the gas pressure falls.



VENTILAIR II

Your benefits

- Reliable, durable Swiss design
- Dry, clean, medical-grade compressed air
- Optimal cost-performance ratio
- Minimal maintenance required
- Clear indication of compressor working status

Technical specifications

General characteristics

Type	Water- and oil-free, low noise
Dimensions (HxWxD)	535 mm x 440 mm x 345 mm 21 in x 17.3 in. x 13.6 in
Weight	28 kg (62 lb)
Maximum output pressure	280 kPa/2.8 bar/41 psi
Maximum output flow	40 l/min, continuous at 210 kPa/2.1 bar/30 psi
Intake air filtration	5 µm (microns)
Noise emission	approx. 56 dBA, measured at a distance and height of 1 m

Connectors

Air inlet and outlet connectors	3/4"-16 UNF (DISS) or DIN 13254
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Environment

Dewpoint depression	3.3°C (6°F) below room temperature at maximum output
Automatic backup	Compressor switches on automatically at inlet pressure < 210 kPa/2.1 bar/30 psi and switches off at ≥ 265 kPa/2.65 bar/38 psi
Operating environment	10°C to 40°C (50 to 104°F), relative humidity below 85%
Performance gauge	Indicates the likelihood of wet or dry air being delivered

Electrical characteristics

Electrical power	220–240 Vac ±10%, 50 Hz, 230 Vac ±10%, 60 Hz, single phase, 490 VA 110–115 V ac ±10%, 50/60 Hz, single-phase, 530 VA
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