DK50 4X4VRT/M



Compressor station consisting of four four-cylinder compressor pumps placed in one frame. The modular design of the station allows to increase its capacity in the future. The compressor is equipped with a 500 l air tank and dryer to provide sufficient volume of dry air for a clinic with more than sixteen* dental units or for air distribution systems. In case of a failure of one of the compressor pumps, others will ensure continuous operation of the compressor. Advanced control system allows remote monitoring of all the main parameters of the compressor station.

DK50 4x4VRT/M - without noise reduction cabinet, with dryer

- With adsorption dryer
- With refrigerated dryer

DK50 4x4VRT S/M - with noise reduction cabinet, with dryer

- With adsorption dryer
- With refrigerated dryer

With adsorption dryer

	DK50 4x4VRT/M	DK50 4x4VRT S/M
Dryer	✔(AD)	✔(AD)
Noise reduction cabinet	✘	✔
Nominal voltage / frequency	3x400 V / 50 Hz	3x400 V / 50 Hz
Motor performance	4x2.2 kW	4x2.2 kW
Air tank capacity	500 l	500 l
Compressor efficiency (working pressure 6 - 8 bar)	900 $l.min^{-1}$ / 6 bar (at PDP -20 °C) 860 $l.min^{-1}$ / 6 bar (at PDP -40 °C)	900 $l.min^{-1}$ / 6 bar (at PDP -20 °C) 860 $l.min^{-1}$ / 6 bar (at PDP -40 °C)

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	DK50 4x4VRT/M	DK50 4x4VRT S/M
Compressor efficiency (working pressure 8 - 10 bar)	690 l.min^{-1} / 8 bar (at PDP -20 °C) 650 l.min^{-1} / 8 bar (at PDP -40 °C)	690 l.min^{-1} / 8 bar (at PDP -20 °C) 650 l.min^{-1} / 8 bar (at PDP -40 °C)
Duty cycle	S1 - 100 %	S1 - 100 %
Degree of air drying (pressure dew point PDP)	-20 °C at 7 bar -20 °C at 9 bar	-20 °C at 7 bar -20 °C at 9 bar
Noise level	≤ 80 dB (A)	≤ 69 dB (A)
Weight	268 kg	401 kg
Weight AD	46 kg	46 kg
Weight of air tank (for Nx4VR)	127 kg	127 kg
Dimensions	1240 x 630 x 1750 mm	1250 x 705 x 1790 mm
Dimensions AD	530 x 350 x 965 mm	530 x 350 x 965 mm
Dimensions of air tank (for Nx4VR)	770 x 705 x 2100 mm	770 x 705 x 2100 mm

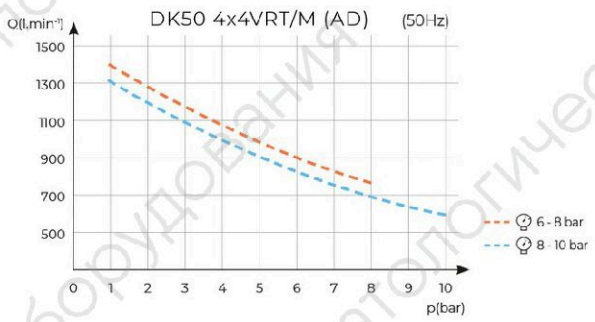
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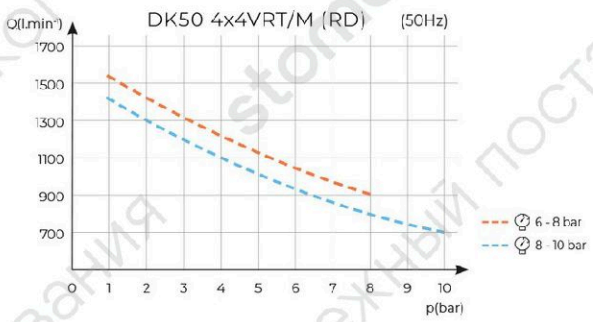
With refrigerated dryer

	DK50 4x4VRT/M	DK50 4x4VRT S/M
Dryer	✔(RD)	✔(RD)
Noise reduction cabinet	✘	✔
Number of dental units	16+	16+
Nominal voltage / frequency	3x400 V / 50 Hz	3x400 V / 50 Hz
Motor performance	4x2.2 kW	4x2.2 kW
Air tank capacity	500 l	500 l
Compressor efficiency (working pressure 6 - 8 bar)	1040 $l.min^{-1}$ / 6 bar	1040 $l.min^{-1}$ / 6 bar
Compressor efficiency (working pressure 8 - 10 bar)	800 $l.min^{-1}$ / 8 bar	800 $l.min^{-1}$ / 8 bar
Duty cycle	S1 - 100 %	S1 - 100 %
Degree of air drying (pressure dew point PDP)	+3 °C at 7 bar +3 °C at 9 bar	+3 °C at 7 bar +3 °C at 9 bar
Noise level	≤ 80 dB (A)	≤ 69 dB (A)
Weight	268 kg	401 kg
Weight RD (for Nx4VR)	66 kg	66 kg
Weight of air tank (for Nx4VR)	127 kg	127 kg
Dimensions	1240 x 630 x 1750 mm	1250 x 705 x 1790 mm
Dimensions RD (for Nx4VR)	760 x 550 x 1015 mm	760 x 550 x 1015 mm
Dimensions of air tank (for Nx4VR)	770 x 705 x 2100 mm	770 x 705 x 2100 mm

- Data on weight and dimension are for informational purposes only
- Technical modifications are subject to change

Diagrams





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Photogallery











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