

Elka Air humidification and dust control



HD-I high pressure pump

De HD-I high pressure pump has been specially developed to expire the humidification in various rooms or zones completely automatically.

All pumps are equipped with an advanced frequency control. This means the pump will never run more tours then strictly necessary. Besides In addition, excessive water consumption, energy consumptiona and wear are limited.

A 3-way valve is installed per department. This valve opens the line to the humidifiers. When the desired RV is reached, the valve closes fully automatically and becomes the complete pipeline immediately pressureless.

This means that there will never be unnecessary long press on the system and prevents dripping of the nozzles.

- Fully closed housing of stainless steel
- Easy to install and operate
- Very low energy consumption
- Minimum wear due to frequency-controlled speed

De pompunit is standaard voorzien:

- Internal drip tray with drain
- Frequency control
- 3-way section valves
- Overpressure safety
- Pre-pressure monitoring
- Bacterial control

Specifications

Type	Minimum capacity	Maximum capacity	Working pressure	Recorded engine Power
HD-I 125	20l/hour	125l/hour	70-90 bar	0.75kW
HD-I 250	36l/hour	250l/hour	70-90 bar	0.75kW
HD-I 500	90l/hour	500l/hour	70-90 bar	1.5kW
HD-I 750	110l/hour	750l/hour	70-90 bar	2.2kW

Technical data

Dimensions w*d*h	: 75 x 27,5 x 187,5 cm
Weight	: < 85kg
Supply voltage	: 1 phase 230Vac +5% till -5% 50Hz
Electrical connection	: Power supply via WCD without earth leakage switch
Water connection	: ½" Bsp
Noise	: <76dB(A)*

* Measured at 1 meter distance at height of 180 cm



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