

Cumulus High Pressure Unit HPE

Description of the device

The HPE is the budget high pressure unit for humidifiers. It comes in two capacities, 30 l/h and 60 l/h.

The unit can be build with or without an integrated reversed osmosis unit.

The unit works stand alone and it regulates the high pressure unit and the osmosis unit. Also the installation can be connected to a building management system. From which the data is sent to a computer where you can adjust and read the functioning of the machine. This unit can be used for humidification directly in the air as well as in air handling units.



Specifications

	HPE 30 MIN	HPE 60 MIN	HPE 30 PLUS	HPE 60 PLUS
Part number	10444	10445	11386	11387
Max. capacity high pressure pump [l/h]	30	60	30	60
Max. capacity reverse osmosis unit [l/h]	0	0	30	60
Size in [mm] [height x length x width]	600 / 650 / 430			
Weight [kg]	50	55	70	75
Conductivity of the water [µS/cm]	5-20			
Operating pressure [Bar]	70-100			
Power consumption [kW]	0.7	0.7	0.9	0.9
Control signal [V - mA]	0-10 V - 4-20 mA			
Can be connected to AHU	Yes			
Stand alone operation	Yes			
Maximum amount of zones	12			
WaterFresh® safety	Yes			
Auto restart at power failure	Yes			
External warning signal	Optional			
Maintenance warning	Yes			
Monitoring at distance	Optional			
Water pressure safety	Yes			
Overload protection	Yes			
Pipe rupture protection	Yes			
Recommended inlet water [dH]	0 - 4			
Water free of solid particles	Yes			
Inlet dynamic water pressure [Bar]	1.5			
Min. - max. temperature [°C]	1-40			
Power connection [Vac]	400			

All specifications, photos and drawings are subject to changes.