



## UVERS DX unit heaters for use with heat pumps

UVERS DX unit heaters are suitable to work alongside air-to-air heat pumps. Thanks to the reversible system, they can also fulfil a cooling function. The unit heaters are designed for heating and cooling areas such as factory floors, workshops, warehouses, showrooms, sports and entertainment halls, etc.

### DESCRIPTION

#### PRODUCT DESCRIPTION

UVERS DX unit heaters are available in two sizes. The unit heater consists of: – axial fan with AC or EC single phase motor; – high-efficiency 3-row fin coil suitable for use with heat pumps in a two-pipe reversible system; – casing made of coated steel sheet; – air outlet grille with adjustable blades allowing to set the direction of discharge air. Accessories: – specially designed wall mounting bracket that allows the position of the unit heater to be adjusted at an angle of  $\pm 45^\circ$  in the horizontal plane and at an angle of  $25^\circ$  in the vertical plane; – drip tray for collecting the condensate generated during the cooling process.

#### OPERATING CONDITIONS

UVERS DX units can use R410A refrigerant; working pressure up to 4.2MPa

## UVERS DX-1-III-EC

### DIMENSIONS



Dimensions					
A[mm]	B[mm]	h[mm]	L[mm]	d1	d2
556	527	460	350	12	22

EC fan parameters	
Supply voltage [V]	230
Motor power [W]	140
Current [A]	1,45
Speed [min-1]	1160
IP	54
Operating temperature	40°C

### Heating capacity

Number of coil rows		III			
Air flow [m³/h]		2150		1700	
Heating capacity [kW] and air outlet temperature [°C]					
Condensation temp. [°C]	Air inlet temperature [°C]	kW	°C	kW	°C
45	14	12,5	31	10,8	32
	16	11,6	32	10,0	33
	18	10,6	32	9,1	34
	20	9,7	33	8,3	34
40	14	10,0	28	8,6	29
	16	9,0	28	7,8	29
	18	8,1	29	7,0	30
	20	7,2	30	6,2	31

Cooling capacity					
Number of coil rows				III	
Air flow [m³/h]				2150	1700
Cooling capacity [kW] and air outlet temperature [°C]					
Evaporation temp. [°C]	Air inlet temperature [°C]	kW	°C	kW	°C
6	28	8,0	18	7,2	17
	25	6,6	16	5,9	15
	22	5,4	15	4,8	14
8	28	7,0	19	6,2	18
	25	5,7	17	5,1	16
	22	4,6	16	4,1	15

Noise level [dB(A)]	
Noise level — sound pressure level taking into account the sound absorption in the room A=100m² and directivity factor Q=2 at a distance of 5 m	56
Unit weight	
Weight [kg]	27