



## 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-2-III-EC

### DIMENSIONS



Dimensions					
A[mm]	B[mm]	h[mm]	L[mm]	d1	d2
677	686	620	423	12	28

EC fan parameters	
Supply voltage [V]	230
Motor power [W]	332
Current [A]	2,16
Speed [min-1]	1300
IP	54
Operating temperature	70°C

### Heating capacity

Number of coil rows		III			
Air flow [m³/h]		5450		3200	
Heating capacity [kW] and air outlet temperature [°C]					
Condensation temp. [°C]	Air inlet temperature [°C]	kW	°C	kW	°C
45	14	26,5	28	19,3	32
	16	24,4	29	17,8	32
	18	22,4	30	16,3	33
	20	20,3	31	14,8	33
40	14	20,9	25	15,3	28
	16	18,9	26	13,8	29
	18	16,8	27	12,4	29
	20	14,8	28	10,9	30

Cooling capacity					
Number of coil rows			III		
Air flow [m³/h]			5450	3200	
Cooling capacity [kW] and air outlet temperature [°C]					
Evaporation temp. [°C]	Air inlet temperature [°C]	kW	°C	kW	°C
6	28	16,4	19	11,2	18
	25	13,7	18	10,5	16
	22	11,1	16	8,6	14
8	28	14,5	20	11,2	18
	25	11,9	19	9,2	17
	22	9,4	17	7,3	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	64
Unit weight	
Weight [kg]	54