



## 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-AC

### DIMENSIONS



Dimensions					
A[mm]	B[mm]	h[mm]	L[mm]	d1	d2
677	686	620	461	12	28

EC fan parameters	
Supply voltage [V]	230
Motor power [W]	250
Current [A]	1,2
Speed [min-1]	1350
IP	54
Operating temperature	60°C

### Heating capacity

Number of coil rows		III			
Air flow [m³/h]		4200		3200	
Heating capacity [kW] and air outlet temperature [°C]					
Condensation temp. [°C]	Air inlet temperature [°C]	kW	°C	kW	°C
45	14	22,8	30	19,3	32
	16	21,0	31	17,8	32
	18	19,2	31	16,3	33
	20	17,5	32	14,8	33
40	14	18,1	27	15,3	28
	16	16,3	27	13,8	29
	18	14,6	28	12,4	29
	20	12,8	29	10,9	30

Cooling capacity						
Number of coil rows			III			
Air flow [m³/h]			4200	3200		
Cooling capacity [kW] and air outlet temperature [°C]						
Evaporation temp. [°C]		Air inlet temperature [°C]	kW	°C	kW	°C
6		28	14,6	19	11,2	18
		25	12,1	17	10,5	16
		22	9,8	15	8,6	14
8		28	12,8	19	11,2	18
		25	10,5	18	9,2	17
		22	8,4	16	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	62
Unit weight	
Weight [kg]	49