



UVERS W Unit Heaters-Coolers

UVERS W unit heaters are designed to be fed with hot water from traditional high and low temperature heat sources such as heat pumps or condensing furnaces and can also be fed with chilled water to provide cooling. 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 W unit heaters are available in two sizes. The unit heater consists of:

- axial fan with AC or EC single phase motor;
- high-efficiency 2 or 3-row fin coil (the unit heaters with cooling function are only available with 3-row coils);
- 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° in the vertical plane;
- drip tray for collecting the condensate generated during the cooling process.

OPERATING CONDITIONS

UVERS W units can be fed with water at a maximum temperature of up to 150°C and an operating pressure of up to 1.5MPa.

UVERS W-2-II-EC

DIMENSIONS



| Dimensions | | | | | |
|------------|-------|-------|-------|------|------|
| A[mm] | B[mm] | h[mm] | L[mm] | d1 | d2 |
| 677 | 686 | 620 | 423 | 3/4' | 3/4' |

| 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 | II |
| Air flow [m ³ /h] | 5800 |

| Heating capacity [kW], air outlet temperature [°C] and resistance of water flow [kPa] | | | | |
|---|----------------------------|------|----|------|
| Water temp. [°C] | Air inlet temperature [°C] | kW | °C | kPa |
| 90/70 | 5 | 60,2 | 35 | 23,8 |
| | 10 | 55,2 | 37 | 20,2 |
| | 16 | 49,4 | 41 | 16,2 |
| | 20 | 45,5 | 45 | 13,6 |
| 80/60 | 5 | 50,8 | 30 | 16,9 |
| | 10 | 46,2 | 33 | 13,9 |
| | 16 | 40,4 | 36 | 10,7 |
| | 20 | 36,7 | 39 | 8,8 |
| 70/50 | 5 | 41,6 | 25 | 11,4 |
| | 10 | 38,4 | 28 | 9,0 |
| | 16 | 31,6 | 32 | 6,5 |
| | 20 | 28,5 | 34 | 5,2 |
| 60/40 | 5 | 32,7 | 21 | 7,0 |
| | 10 | 28,2 | 24 | 4,6 |
| | 16 | 23,1 | 27 | 3,5 |
| | 20 | 19,6 | 30 | 2,5 |
| 50/30 | 5 | 24,1 | 17 | 3,8 |
| | 10 | 19,8 | 19 | 2,6 |
| | 16 | 14,8 | 23 | 1,4 |
| | 20 | 11,5 | 26 | 1,0 |
| 40/30 | 5 | 23,0 | 16 | 14,0 |
| | 10 | 18,5 | 19 | 9,0 |
| | 16 | 13,2 | 22 | 4,6 |
| | 20 | 9,8 | 25 | 2,5 |

| Noise level [dB(A)] | |
|--|----|
| Noise level — sound pressure level taking into account the sound absorption in the room A=100m ² and directivity factor Q=2 at a distance of 5 m | 64 |
| Unit weight | |
| Weight [kg] | 46 |