

# NEW UNIT HEATERS **UVERS** FOR USE WITH HEAT PUMPS



## **UVERS DX**

UNIT HEATERS  
FOR USE WITH HEAT PUMPS



## **UVERS W**

UNIT HEATERS  
WITH COOLING FUNCTION

- heating and cooling functions
- reduction in heating costs
- industrial design
- energy-efficient fans
- durable and reliable components

# UVERS DX

**UVERS DX** Unit Heaters are suitable for use alongside air-to-air heat pumps. Thanks to the reversible system, they can also perform a cooling function.

- 2 sizes,
- 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 adjust the direction of discharge air,
- coil fed with **R410A** refrigerant; working pressure up to **4.2MPa**.



Unit size	UVERS DX-1		UVERS DX-2	
Fan type	EC	AC	EC	AC
Supply voltage (V)	230		230	
Number of coil rows	III		III	
Max. heating capacity (kW) condensation temp. 45°C	12.5	11.6	26.5	22.8
Max. cooling capacity (kW) evaporation temp. 6°C	8.0	7.5	16.4	14.6
Coil volume (dm <sup>3</sup> )	2.0		3.2	
Air flow (m <sup>3</sup> /h)	2 150	1 900	5 450	4 200
Air throw (m)	14	12	21	18
Motor power (W)	140	140	332	250
IP	54	54	54	54
Noise level (dB(A))	56	53	64	62
Unit weight (kg)	27	29	54	49

Detailed technical data can be found in the **UVERS DX** data sheet at [www.juwent.com.pl](http://www.juwent.com.pl)

R410a

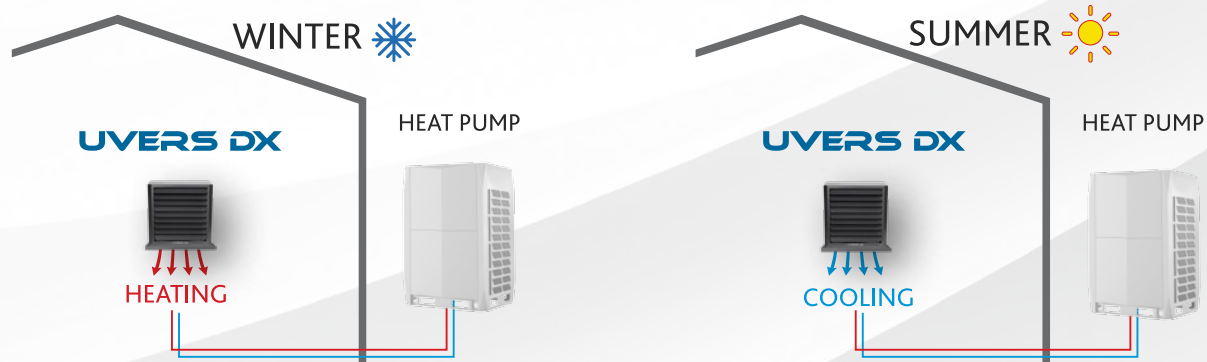
EC

AC

ERP  
ready

RAL  
7021

## Operation modes



# UVERS W

**UVERS W** unit heaters are designed to be fed with hot water from **high and low temperature heat sources such as heat pumps or condensing boilers**. They can also be fed with chilled water to provide cooling.

- 2 sizes,
- axial fan with AC or EC single-phase motor,
- **high-efficiency 2 or 3-row fin coil**,
- casing made of coated steel sheet,
- air outlet grille with adjustable blades allowing to adjust the direction of discharge air,
- coil fed with water at a maximum temperature of up to **150°C** and an operating pressure of up to **1.5MPa**.



Unit size	UVERS W-1		UVERS W-1		UVERS W-2		UVERS W-2	
Fan type	EC		AC		EC		AC	
Supply voltage (V)	230				230			
Number of coil rows	II	III	II	III	II	III	II	III
Heating capacity (kW) at 70/50°C	18.9	23.8	17.7	22.1	41.6	54.1	36.2	46.1
Max. cooling capacity (kW) at 7/12°C	-	8.7	-	8.2	-	17.3	-	15.1
Coil volume (dm <sup>3</sup> )	1.5	2.0	1.5	2.0	2.4	3.2	2.4	3.2
Air flow (m <sup>3</sup> /h)	2 350	2 150	2 050	1 900	5 800	5 450	4 500	4 200
Air throw (m)	14		12		21		18	
Motor power (W)	140		140		332		250	
IP	54		54		54		54	
Noise level (dB(A))	56		53		64		62	
Unit weight (kg)	24	26	26	28	46	52	41	47

Detailed technical data can be found in the **UVERS W** data sheet at [www.juwent.com.pl](http://www.juwent.com.pl).

≥40°C

EC

AC

ERP ready

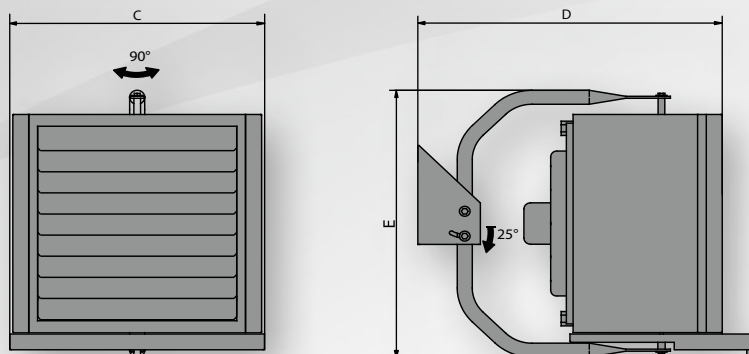
RAL 7021

## Operation modes



## Accessories common to **UVERS DX** and **UVERS W**

- 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.







Wall bracket	C (mm)	D (mm)	E (mm)	Bracket weight (kg)	Condensate drip tray	Weight of drip tray (kg)
KM-UVERS-1	576	682	645	3.1	TC-UVERS-1	2.0
KM-UVERS-2	697	782	804	3.6	TC-UVERS-2	2.5

## Controls for **UVERS DX**

The controls depend on the heat pumps operating with unit heaters.

## Basic controls for **UVERS W**

	Room thermostat	Fan speed controller	Valve with actuator
EC motors	 TPP	 ZEC	
AC motors		 ARW	

### EXPORT DEPARTMENT

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