







Product: 923 KWL HB 250 WW R

Image	Description
	<p>KWL HB 250 WW R KWL HygroBox Air intake on the right, water heater battery 250 cm/h air flow volume</p> <p>Air treatment device for the active humidification of the air in homes and areas, patented and certified system suited to the installation or for retrofitting in air conditioning systems. The compact HygroBox works according to the natural evaporation principle and ensures a constant room humidity. The adjustment range is from 40% to 60% re. humidity. The heating of air to apply the evaporation energy takes place over an integrated water heater battery. The evaporator tub, in which a rotor fitted with lamellas immerses, is supplied via the drinking water network. The level is regulated automatically. The formation of germs and bacteria in the unit is prevented through a continuous and automatically monitored UVC disinfection as well as an effectively by time-controlled exchange of water. A reverse osmosis unit in the water line is built-in to protect the unit against limescale. The rotary blade evaporator is made of aluminium, the evaporator tub of stainless steel and the compact casing of galvanised sheet steel, outside powder coated in RAL9010. Technical data: Air flow volume max. 250 cm/h Air humidity adjustable from 40% to 60% rel.H. Air temperatur adustable from 15-25 °C Pressure loss max. 60 Pa Evaporation performance max. 2 l/h Water exchange 1 bis 10 l/d (depending on evaporation performance and water hardness) Water inlet pressure 0,35-0,7 Mpa Execution of water heater battery Heat power water heater battery max. 2000 W Flow / reurn temperature ° C 55/45 Water flow rate heater battery 0,05 l/s Water pressure drop 0,4 kPa Voltage 230 V Frequency 50 Hz Power consumption 100 W Dimensions WxDxH, 547x360x383 mm Air duct connection ø 160 mm Water connection 3/4 " Waste water connection ø 40-50 mm Weight (net weight/operating weight) 25/28 kg Right-hand version with air intake on the right</p>

Accessories

Image	Ref.no.	Model	Description	Group
	5628	KWL NHR 250	Low temperature heater battery KWL HB 250 with temp.sensor for low temperature heating systems	K
	5632	KWL OME	Spare-osmosis-membrane to KWL HB 250 und KWL HB 500	K
	5629	KWL PMA 250	Pump-Mixer-Set for connection to existing heating circuits of KWL HB 250 WW	K
	5631	KWL UVR	Spare-UVC-tube to KWL HB 250 und KWL HB 500	K
	5630	KWL WF	Spare-water-filter to KWL HB 250 und KWL HB 500	K