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Heat pumps - waste heat recovery



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Hot water heat pump

Europa 303 DKL and Europa 323 DK is a compact unit with cutting edge technology in exclusive design.

It heats the water economically from renewable sources any time of the day or night - in any weather! The ideal alternative to solar systems and heating boilers!

Exclusive to OCHSNER - the choice of hot water heat pumps as split appliances - for external storage tanks of up to 500 litres (large households, commercial use) - or as compact appliances with integrated 300-litre hot water tank.

It can be used for example as a form of an air conditioner as its features can dry the moist rooms and control ventilation. Europa 303 DKL and 323 DK include 300l enamel tank which creates one compact unit. Moreover, 323 DK is equipped with 1.4 m2 heat exchanger, which can be connected to existing solar. The tank also includes 2 magnesium anodes to prevent calcium hydroxide buildup. The 1.7kW integrated heating coil enables further heating if requested and protects the water from legionella.

This system is compact, ready for easy CLIP installation and it is filled with refrigerant gas R134a.

Heat pump EUROPA is designed for easy water supply connection. It comes with a 2 metre wall plug cable (240V).

In average working conditions, the heat pump will heat the 300 l tank from 10°C to 52°C in about 9 hours.

Technical Information:

- > Min. evaporator operating temperature for EUROPA 323 DK is -5°C, for EUROPA 303 DKL and EUROPA mini it is +6°C
- Unrestricted air-flow 360-510 m3/h
- > Air duct DN150 up to 20 m in length possible
- Connection for cold and hot water 3/4" >
- Water temperature up to 65°C (Europa 303 and 323) /60°C (Europa > mini)
- Max. operating pressure 6 bars
- > Max. allowable operating temperature of heating medium: 90°C
- Working refrigerant: R134a >
- Dimension for 303 DKL and 323 DK: Ø657 x 1847mm >
- Dimension for Europa mini IWP/EWP: Ø657 x 426 mm >

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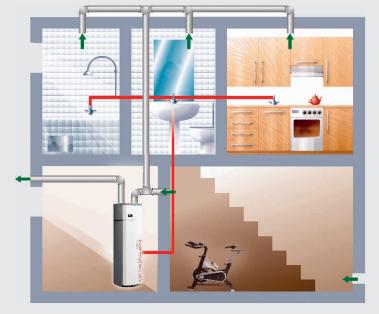
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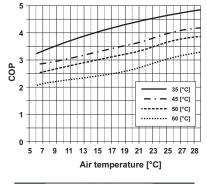
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BENEFITS

WATER HEATING, DEHUMIDIFICATION AND COOLING

- IN ONE Economical running cost
- Solar combination possible
- Cooling of storage rooms
- Reducing window condensation and dehumidification (bathrooms, WC, kitchens, etc)
- Ventilation function with integrated fan-speed regulation and timer program (reducing mould)
- OCHSNER's 30 year experience in heat pumps
- Leading technology, highest COP ever tested (www.wpz.ch)
- Easy plug in
- Very quiet operation (49dB)







OCHSNER

HEAT PUMP

