

CONDAIR RO-HM FOR HVAC PRODUCTS REVERSE OSMOSIS SYSTEM PN 2600611

The Condair RO-H Reverse Osmosis System is a system for the production of pure water. It removes over 95% of all salts and minerals contained in tap water.

RO-HM for HVAC products



For use with

- Condair US* (≤40 lb/h)
- Condair RS, Small (≤40 lb/h)

*Condair US will need additional De-Ionized (DI) water treatment post RO

Scope of delivery

- Reverse Osmosis System RO-H incl. installation set and filters (sediment, carbon, RO membrane)
- Pressure tank 6 gal (22l) incl. wall mounting bracket
- Water supply and drain installation set
- Wrenches (3x)

Technical Data

Voltage:	AC 110–240 V, 50–60 Hz
Power rating:	75 W
Suitable water pressure:	8 - 50 psi (0.6 bar–3.5 bar)
Operating pressure:	max. 116 psi (8 bar)
Max. pure water production:	0.22 gpm (1.0 lpm)
RO permeate capacity @ 41° F (5° C):	0.09 gpm (20 l/h)
RO permeate capacity @ 59° F (15° C):	0.11 gpm (26 l/h)
Water efficiency:	≈ 50/50 %
Output pressure:	32 - 43 psi (2.2–3.0 bar)
Booster pump pressure:	72 psi (5 bar)
Prefilter 1:	Active carbon filter
Prefilter 2:	5 Micron filter
Noise:	<50 dBA

Dimensions and weights

Outer dimensions RO w/o hood (HxLxW):	18.7" x 14.1" x 8.7" (476 mm x 358 mm x 222 mm)
Weight RO:	19 lbs (8.5 kg)
Outer dimensions hood (HxLxW):	18.7" x 15.2" x 9.8" (471 mm x 386 mm x 250 mm)
Outer dimensions tank 18 liter / 6 gal (DxH):	11.0" x 16.7" (79 mm x 425 mm)
Tare weight tank 18 liter:	9.0 lbs (4.1 kg)
Weight hood:	8.8 lbs (4.0 kg)

Inlet water quality requirements

Water supply	Tap water / drinking water quality, max. 150 CFU/ml
Incoming dynamic pressure @ at max. flow	8.7–50 psi (0.6–3.5 bar)
Min. flow requirement @ min. dynamic pressure of inlet water connection	0.88 gpm (200 l/h)
Water temperature	41–77 °F (5–25 °C)
pH max.	8.0

Precondition incoming water

pH in incoming water	pH 6.5–7.0	pH 7.1–7.5	pH 7.6–8.0
Max. hardness	31 gpg	18 gpg	10 gpg
Max. conductivity incoming @ pH:	1300 µS/cm	750 µS/cm	600 µS/cm
Max. TDS incoming @ pH:	800 mg/l	500 mg/l	375 mg/l

Articles for sale

Accessory		Consumables	
Item number	Description	Item number	Description
2600081	Filter set for water supply to RO-H	2599771	RO-H RO membrane
2600239	RO-H Leakage pan	2600099	RO-H carbon/sediment filter set
2600083	External leakage sensor, set	2600112	RO-H Disinfection fittings set
2600257	RO-H armored hose set		
2600230	Reduzierdruckventil 1/2" BSF RBM 3bar		
2601024	RO-H cover		