



DATA SHEET

OMEGA PACK

Piston pump – condensate removal system

Sauermann® part #: OP20CE02UN23



Under the unit pump

Omega Pack is design to fit under mini-split air conditioning. It includes the Si-20 pump which incorporates the latest in piston pump technology.

Benefits



Modern design

- Discreet /Inconspicuous shell.
- Color: RAL 9003 (Signal white).
- Flush fitting of cover and back plate.
- Compliments and sits flush to the A/C unit.



Silent

- Most silent operation on the market: 22 dBA.
- Unique rubber damper specifically designed to reduce vibration transmission to the mini split / wall.



Easy installation

- Complete installation kit and pre-mounted pieces.
- Intuitive back plate positioning.
- Reversible. Can be fit on the right or left of mini-split air conditioning.
- Can be installed on any surface (brick, plaster, wood, etc.).
- "Drain Safe Device" aids connection to the discharge pipe.



Easy pump maintenance

- Transparent and removable reservoir.

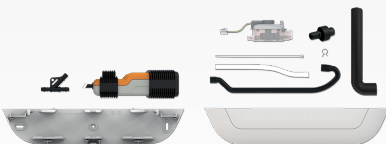


Proven reliability

- No filter. Design to allow free passage of particles up to 2 mm.
- Highest flow of the market - Up to 20 ltr/hr = Less run time.
- The Drain Safe Device retains prime and prolongs the pump life.

Kit content

- Si-20 piston pump with:
- Detection unit, 0.63 m cable
- 2 anti-vibration rubber dampers
- Clear PVC tube Ø int. 6 mm – L: 60 mm, fitted with a "Drain Safe Device" pre-mounted
- 1.5 m power cable:
- 2 power wires, 2 safety contact wires
- 2-part shell (back plate and cover)
- Detection unit installation kit:
 - rubber elbow 90° Ø int. 15 x L 152 mm,
 - vent tube Ø int. Ø int. 4 x L 75 mm,
 - 3 double wire clamps,
 - 3 tie wraps, 2.5 x 200 mm
- 3 screws and plugs for fixing back plate





Technical specifications

Max. flow rate	20 l/h
Max. discharge head	10 m (Flow rate = 4 l/h)
Max pressure	14 m (Flow rate = 0 l/h)
Sound level at 1m (according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application))	≤ 22 dBA
Sound level at 1m (Measured at Sauermann lab, pump operating with water)	≤ 25 dBA
Mains supply	230 V~ 50 Hz - 14 W
Isolation class	II (double insulation)
Detection levels	On: 16 mm; Off: 11 mm; Safety: 19 mm
Safety switch	NC 8 A resistive – 250 V
Thermal protection (overheating)	115 °C (auto-reset)
Max. condensate temperature	35 °C
Operating conditions	100 % - Continuous duty
Protection	IPX2
Color	RAL 9003 - Signal white
Shell dimensions	L 326 x W 58 x H 65 mm
Packaging	L 358 x W 85 x H 102 mm
Safety standards	CE & EAC
RoHS directive	Compliant
WEEE directive	Compliant
Packaging	0.73 kg - L 358 x W 85 x H 102 mm
Masterpack	6 pieces

Applications

Any wall mounted air conditioning units

Accessories

Name	#Part
 Clear PVC hose Ø int. 6 mm (1/4")	ACC00909 (5 m) ACC00910 (50 m) ACC00914 (Braided, 50 m)
 6 self-sealing fittings for hose Ø int. 6 mm (1/4")	ACC00919

Actual flow rates (l/h)

Total hose length using (Ø int. 6 mm, 1/4")

Discharge head	5 m	10 m	20 m	30 m
0 m	20	19	18	17
2 m	16	15	14	13,5
4 m	11.5	11	10.5	10
6 m		8.5	7.5	6.5
8 m		6	5	4
10 m		4	3.5	2.5

