

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.

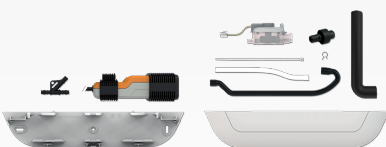


#### Proven reliability

- 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

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

## Applications

Any wall mounted air conditioning units

## Accessories

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

