

Omega Pack

**For use with
air conditioning units
up to 5.6 tons**

(67k Btu/h - 20 kW)



Scan this QR code to
open a printable PDF
of the Omega Pack
technical data sheet.

APPLICATIONS:

☒ **AIR CONDITIONING**

☐ **REFRIGERATION**

☐ **HEATING**

- Ceiling suspended units
- Ducted units
- Fan-coils

Sauermann Part #s

OP20UL01UN12 120V~60 Hz -14 W

OP20UL01UN23 230 V~50/60 Hz -14 W



KIT CONTENTS

- Si-20 piston pump with:
 - Detection unit - SI2958, 2' cable
 - (2) Anti-vibration rubber dampers
 - 1/4" i.d. Clear PVC tubing, 2'3/8" fitted with a Drain Safe Device
 - 5' power cable, 2 power wires & 2 safety contact wires
- Shell (2-part: backplate and cover)
- Detection unit installation kit:
 - 90 deg rubber elbow, 19/32" i.d. x L 6"
 - Vent tube, 5/32" i.d. x L 2'5/16"
 - Split connector, 1/2" - 10/16"
 - (3) Double wire clamps
 - (3) Tie wraps, 1/10" x 8"
- (3) Screws and plugs for affixing the backplate

Extremely Versatile

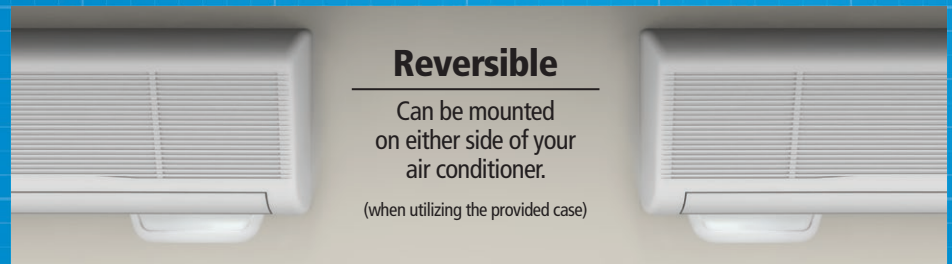
The Omega Pack, which includes an Si-20 pump, is a complete kit intended for wall mounted air conditioning units up to 5.6 tons (67 Btu/h - 20 kW). The assembly is provided with pre-mounted pieces allowing an easy installation. The unique rubber damper is specifically designed to reduce vibration, allowing for the most silent operation on the market at 22 dBA.



Reversible

Can be mounted
on either side of your
air conditioner.

(when utilizing the provided case)



Features & Benefits



Sauermann Inside:

New piston, patented technology

- **High resistance to pollution** – Capable of discharging small particles.
- **Proven reliability** – The patented technology inside the pump makes it extremely reliable in any environment.



Low Sound Level



22 dBA

- Quiet in operation: **22 dBA independently tested.**
- The unique rubber damper is specifically designed to reduce vibration, allowing for the most silent operation on the market.
- The size of the AC unit and amount of condensate does not affect the operational sound level of the pump.

Installation Versatility

- The Omega Pack offers installation options for all standard applications:
 - Under the unit (with the included case)
 - Inside the unit (without included case)*
 - Alongside the unit (inside lineset cover)*
 - Above the unit (in a drop ceiling)*

Energy Saving

- Improved performance and high flow rate reduce operation time and energy consumption.



Drain Safe Device (DSD)

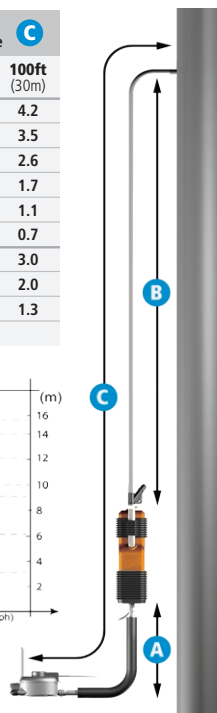
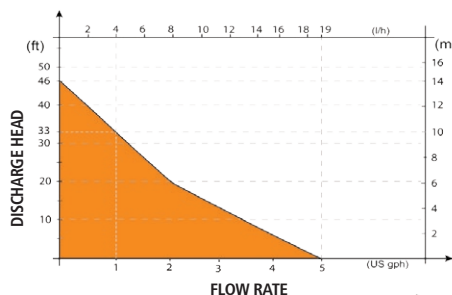
- The DSD retains prime and prolongs the life of the pump.



* Additional tubing not provided in the kit, must purchase separately

ACTUAL FLOW RATES (GPH)

A Suction head	B Discharge head	Total tube length using 1/4" i.d. (6mm) hose C			
		15ft (4.5m)	30ft (9m)	60ft (18m)	100ft (30m)
0ft (0m)	0ft (0m)	5.0	4.7	4.5	4.2
	6ft (2m)	4.2	3.9	3.7	3.5
	13ft (4m)	3	2.9	2.8	2.6
	20ft (6m)		2.5	2	1.7
	26ft (8m)		1.6	1.3	1.1
2ft (.6m)	33ft (10m)		1.1	0.9	0.7
	0ft (0m)	4.2	3.8	3.3	3.0
	6ft (2m)	3.3	2.8	2.4	2.0
	13ft (4m)	2.2	2.0	1.6	1.3
	20ft (6m)		1.3	1.1	

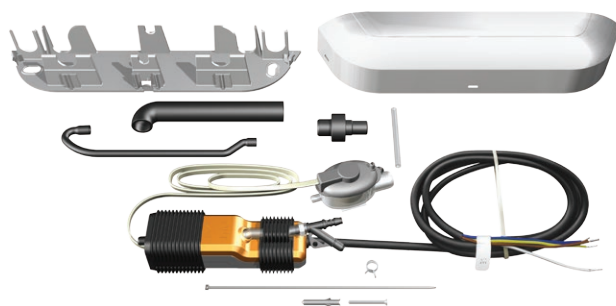


TECHNICAL SPECIFICATIONS

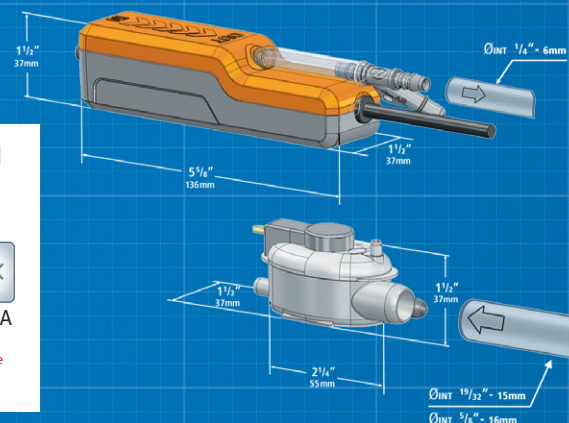
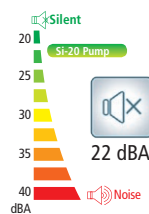
Max. flow rate	5.0 gph (19 l/h)
Max. suction head	10ft (3m)
Max. discharge head	33ft (10m); flow rate = 1 gph (4 l/h)
Max. pressure	46ft (14m); flow rate = 0 gph (0 l/h)
Sound level at 3.3ft (1m) according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	22 dBA
Power supply	120 V ~ 60 Hz - 14 W (SI20UL01UN12) 230 V ~ 50/60 Hz - 14 W (SI20UL01UN23)
Insulation class	□ (double insulation)
Detection levels	On: 5/8" Off: 7/16" Alarm: 3/4" (On = 16mm, Off = 11mm, Alarm = 19mm)
Safety switch	NC 8A resistive - 250 V
Thermal protection (overheating)	239°F (115°C) auto-reset
Operating conditions	120V - 50%: 3s ON - 3s OFF 230V - 60%: 3s ON - 2s OFF
Protection	IPX2
Color	RAL 9010 - Pure white
Shell dimensions	L 12 17/20" x W 2 7/25" x H 2 11/20" (L 326 x W 58 x H 65mm)
Safety standards	UL / CSA certified by Intertek
RoHS & WEEE directives	Compliant
Packaging	1.61 lbs., L 14 1/8" x W 3 3/8" x H 4" (L 358 x W 85 x H 102mm)
Masterpack	6 pieces

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Sound Level



RECOMMENDED ACCESSORIES

ACC 00105 ACC 00150		Clear PVC hose, 1/4" i.d. (6mm) - ACC 00105: 16ft roll (5m) - ACC 00150: 164ft roll (50m)
ACC 00205		Self-sealing fitting to connect discharge tube to drain pipe. - 6 pcs, for 1/4" i.d. (6mm)

sauermann®

www.SauermannUSA.com



415 Oser Avenue, Suite P
Hauppauge, NY 11788
Tel: 631-234-7600
Fax: 631-234-7605
sales.usa@sauermanngroup.com

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For more than 20 years, Sauermann has been a global market leader in designing, manufacturing and selling condensate removal pumps (and related finishing equipment) intended for refrigeration, air conditioning and heating systems.

Today, as an internationally recognized brand, the Sauermann Group employs hundreds of people around the world. Sauermann has an unwavering focus on product innovation and the needs of its clients - OEMs, distributors and HVAC installers.

In addition to producing affordable, quality products for detecting, evacuating and managing condensate water, the Sauermann Group believes it has a duty to anticipate its human and environmental impacts. For this reason, Sauermann has set itself concrete objectives with a view of participating in a better ecological future for its consumers and ultimately, the world.

