

Delta Pack

For use with
air conditioning units
up to 5.6 tons
(67k Btu/h - 20 kW)



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APPLICATIONS:

AIR CONDITIONING

REFRIGERATION

HEATING

• Ductless systems

Sauerermann Part #s

DP1000SIUS11 120V~60 Hz -14 W

DP1000SIUS23 230 V~50/60 Hz -14 W

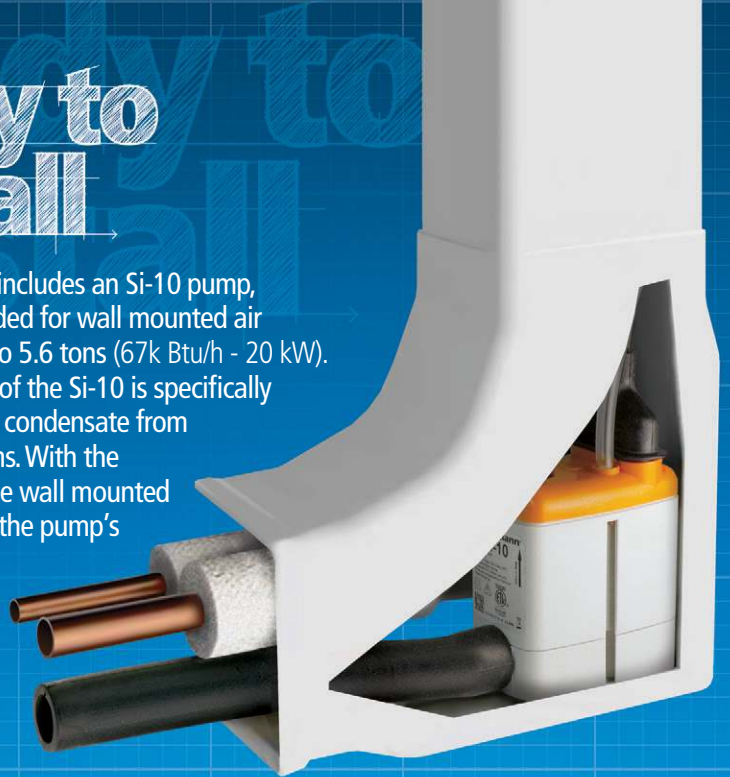


KIT CONTENTS

- Si-10 Piston pump with integrated float detection unit
- Reversible, anti-vibration mounting bracket
- Plug in power cable with 2 safety switch wires (5ft - 1.5m)
- Pump cover (flat bend)
- Duct: 30" (750mm) of 3⁵/₃₂" x 2³/₈" (80 x 60mm)
- 20" (500mm) of rubber tube 1⁹/₃₂" i.d. (15mm)
- Rubber joint for junction to the AC unit
- Ceiling duct cover
- 3 tie-wraps
- 4 screws, 4 wall anchors, and 2 washers
- Vent tube 5³/₃₂" i.d. x L 2¹⁵/₁₆" (4 i.d. x L 75mm)

Ready to Install

The Delta Pack, which includes an Si-10 pump, is a complete kit intended for wall mounted air conditioning units up to 5.6 tons (67k Btu/h - 20 kW). The piston technology of the Si-10 is specifically designed for removing condensate from air conditioning systems. With the insulation foam and the wall mounted anti-vibration bracket, the pump's operating sound level will remain silent (23 dBA) whatever the amount of condensate.



Reversible

Can be mounted on either side of your air conditioner.

Features & Benefits



Sauerermann Inside:

New piston, patented technology

- **Increased performance** – The Si-10 replaces the SI1102 and the SI1200.
- **High resistance to pollution** – Capable of discharging small particles.
- **Proven reliability** – The patented technology inside the pump makes it extremely reliable in any environment.



23 dBA

Low Sound Level

- Quiet in operation: **23 dBA independently tested.**
- With **noise insulation foam, anti-vibration brackets** and direct **wall mounting** this pump is extremely silent.
- The size of the AC unit and amount of condensate does not affect the operational sound level of the pump.
- Mounting bracket has been designed to reduce vibration transmission to the wall.

Easy to Install Kit

- **Complete installation kit** – All the pieces you'll need to attractively conceal the condensate pump.
- **Reversible** – Enabling you to easily mount the pump on the right or the left side of the heat pump or AC unit.
- There are no visible edge to edge connections.
- **Enough space** for linesets – More room for routing 5³/₃₂" - 3³/₈" tubing.



Energy Saving

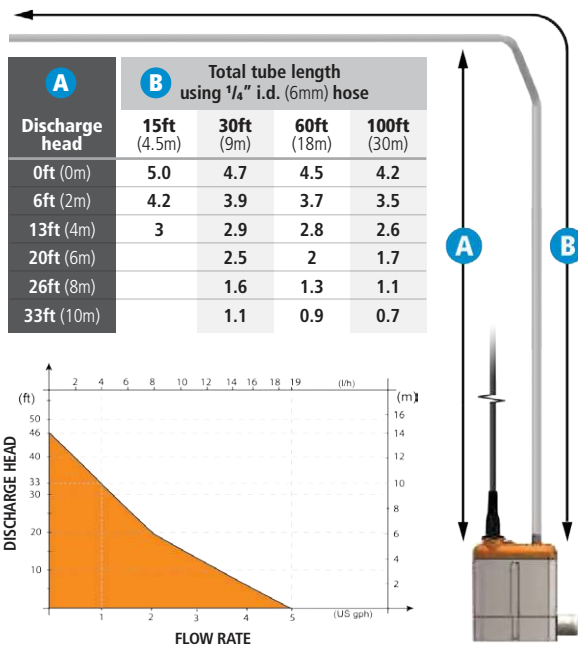
- Improved performance and high flow rate reduce operation time and energy consumption.

Easy Plug-In Electrical Connection

- Quick plug-in power cord makes maintenance and replacement hassle free.



ACTUAL FLOW RATES (GPH)



INSTALLATION

Bracket mounted directly on the wall (no template, only 2 screws).

- **Easy installation of the pump:** horizontal insertion from the front.
- **Reversible, anti-vibration mounting bracket** (can be mounted on the right or left of the heat pump or air conditioning unit).
- **Enough space** for routing insulated copper tubing (max. recommended pipe size: 3/8" - 5/8" insulated).
- **Plug-in power cord** to make maintenance and replacement hassle free.



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)

TECHNICAL SPECIFICATIONS

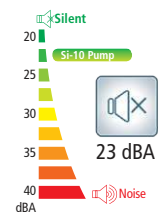
Max. flow rate	5.0 gph (19 l/h)
Max. discharge head	33ft (10m); flow rate = 1 gph (4 l/h)
Max. pressure	46ft (14m); flow rate = 0 gph (0 l/h)
Sound level at 3.3ft (1m) according to EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	23 dBA
Power supply	120 V ~ 60 Hz - 14 W (DP1000SIUS11) 230 V ~ 50/60 Hz - 14 W (DP1000SIUS23)
Insulation class	<input type="checkbox"/> (double insulation)
Detection levels	On: 23/32" Off: 13/16" Alarm: 13/16" (On = 18mm, Off = 12mm, Alarm = 21mm)
Safety switch	NC 8A resistive - 250 V
Thermal protection (overheating)	194°F (90°C) auto-reset
Intermittent operation cycle	30%: 3s ON – 7s OFF
Protection	IP54
Safety standards	UL / CSA certified by Intertek
RoHS & DEEE directives	Compliant
Cover dimensions	L 6 1/2" x W 6 1/2" x H 2 3/8" (L 165 x W 165 x H 60mm)
Duct dimensions	L 30" x W 3 5/32" x H 2 3/8" (L 750 x W 80 x H 60mm)
Delta Pack packaging	3.3 lbs (1.5 kg) - L 30 1/4" x W 7 9/32" x H 2 3/4" (L 770 x W 185 x H 70mm)
Masterpack	10 pieces



NOT SHOWN IN PHOTO:

- Rubber joint for junction to the AC unit
- 3 tie-wraps
- 4 screws, 4 wall anchors, and 2 washers

Sound Level



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NOT FAMILIAR WITH SAUERMANN PRODUCTS?

For more than 20 years, Sauerermann 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 Sauerermann Group employs hundreds of people around the world. Sauerermann 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 Sauerermann Group believes it has a duty to anticipate its human and environmental impacts. For this reason, Sauerermann has set itself concrete objectives with a view of participating in a better ecological future for its consumers and ultimately, the world.

