



DATA SHEET

# DELTA PACK 80x60

## Piston pump - condensate removal system

Sauerermann® part #: DP10CE05UN23



### Ensures quick and easy installation and maintenance

Delta Pack 80x60 includes a new elbow design that can be easily opened by hand by a simple finger push -- no tool is needed. Its streamlined design complements wall mounted air conditioning units. It includes the Si-10 UNIVERS'L pump which incorporates the latest in piston pump technology.

### Benefits



#### Easy installation and maintenance

- New quick fit and release corner piece.
- Simple finger push-in technology: no tools needed. Can be opened by hand.
- One piece pump for easy installation.
- The kit content allows for versatility of installation, matching real needs on the field.
- Transparent and removable reservoir.
- Translucent hose: easy to track waterflow, build-up, etc.



#### Improved design

- Compact elbow and trunking design that can be easily opened and maintained.
- Improved internal space design with increased space for pipework.
- No connection piece where elbow meets the straight length of duct.
- Color: RAL 9003 (Signal white – Brilliant white).
- Flush fitting of all parts.
- Complements and sits flush to the A/C unit using a rubber gasket.



#### Quiet

- Quiet pump operation: 22 dBA at full power – independently tested.
- Elbow includes 'High Energy Absorbing Foam' to absorb vibration and sound.
- Anti-vibration and condensate insulation included on discharge line.



#### Proven reliability

- Patented pump technology.
- No connection piece connecting the elbow and the straight length of duct.
- High flow rate - Up to 20 ltr/hr = Less run time.
- The Drain Safe Device prolongs the pump life.
- Lockable plug-in power cable to avoid unintended disconnection.

### Kit content

- Si-10 UNIVERS'L piston pump with:
  - Integrated condensate detector
  - Clear PVC tube int. Ø 6mm – L: 1 m, foam-insulated over 800 mm, fitted with a "Drain Safe Device" pre-mounted
  - 1.5 m lockable plug-in power cable:
    - 2 power wires, 2 safety contact wires
- 2-part elbow (base and cover)
- Ceiling duct (covers hole in false ceiling)
- Rubber Elbow/Split gasket
- 650 mm flexible hose
  - int. Ø 15 mm (connects to split)
- Vent pipe
- Six screws and plugs for fixing duct and elbow
- 4 double wire clamps Ø 16 mm, 1 double wire clamps Ø 6 mm
- 750 mm duct 80x60 mm

## 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>Mains supply</b>	230 V~ 50/60 Hz - 14 W
<b>Isolation class</b>	□ (double insulation)
<b>Detection levels</b>	On: 18 mm; Off: 13 mm; Safety: 21 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>	IPX4
<b>Color</b>	RAL 9003 - signal white (brilliant white)
<b>Elbow dimensions</b>	L 130 x W 130 x H 60 mm
<b>Duct dimensions</b>	L 750 x W 80 x H 60 mm
<b>Lineset</b>	Ø max :3/8" – 5/8" isolated (Up to 13 kW)
<b>Safety standards</b>	CE & EAC
<b>RoHS directive</b>	Compliant
<b>WEEE directive</b>	Compliant
<b>Packaging</b>	1.55 kg - L 763 x W 225 x H 62 mm
<b>Masterpack</b>	5 pieces

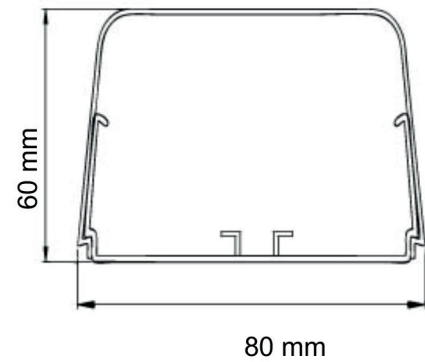
## Applications

### Air-conditioning wall mounted

(connection pipes Ø max 3/8" – 5/8" insulated)

## Accessories

Name	#Part
 Clear PVC hose Ø int. 6 mm (1/4")	ACC00909: 5 m ACC00910: 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

