


Performance and technical characteristics		
	Mains supply	230V~ 50/60Hz 10 W
	Max flow rate	8 l/h (2.1 gph)
	Max discharge head	6 m (20 ft)
	Noise level in accordance with EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	21.5 dBA at 1 m
	Noise level in application (Measured in Sauermann acoustic lab, pump operating with water)	≤ 28 dBA at 1 m
	Detection unit	Integrated
	Detection Levels	On:18mm Off :12mm AI :21mm
	Alarm contact	NC 8 A resistive – 250V
	Thermal protection (overheat) Protection	90°C IP 54
	Safety Standards	CE
	RoHS directive WEEE directive	Conform Conform
	Pump dimensions	L 66 x W 44 x H 77 mm
	Cover dimensions	L 165 x W 165 x H 60 mm
	Duct Dimensions	L 750 x W 80 x H 60 mm
Delta Pack box dimensions	L 770 x W 185 x H 70 mm	
Delta Pack Weight	1.5 kg	
Master Pack quantity	boxes of 10pcs (9 boxes per pallet)	
Master pack dimensions	L 800 x W 380 x H 360 mm	

Features & benefits

1) Easy to install:

- * 1 monobloc elbow
- * Clip-on system: duct can be cut without trimming edges
- * More room for routing insulated copper tubing (max recommended pipe size: 5/8" - 3/8" insulated)
- * Reversible mounting (right & left)
- * Easy electrical connection with removable plug

2) Low noise:

- * Low noise installation: the pump is mounted directly on the wall, on a specifically designed metal bracket supported on flexible, vibration dampening rubber pads
- * Low noise pump: S11082 pump is ≤ 21.5 dBA

3) Low maintenance design:

- * Pump with 2.5 mm ID section and equipped with a duckbill valve to allow small particles to pass through
- * Specific condensate inlet:
 - decanter for heavy & metallic parts
 - comb for long particles (hairs, copper wires, etc)
 - no filter = no clogging

4) Attractive design:

- * No visible edge to edge connection between duct and elbow
- * monobloc structure
- * Special rubber joint to fit any wall-split shape

5) **IP54 pump:** the pump is protected against water drops (e.g.: condensation on the tubing)

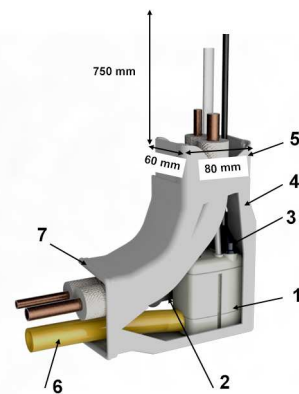
6) **Lowered installation:** less water inside the condensate inlet tube: fewer microbes, germs, etc.

Description

The kit includes a SI1082 monobloc condensate removal pump complete with float detector. This kit is specifically designed for quick installation of the pump inside an elbow. It includes 750 mm of duct.

Kit contents

1. SI1082 pump
2. Anti-vibrating mounting bracket (galvanized steel bracket + 2 rubber pads + 1 rubber mounting for the pump)
3. 1.5m cable : 3 wires for power supply, 2 wires for NC alarm contact
4. Pump cover (flat bend)
5. 750 mm of duct model **80x60mm**
6. 50cm rubber tube Ø15mm ID
7. Rubber Joint for junction to the A/C unit
8. Ceiling duct (covering the hole in the false ceiling)
9. 3 tie-wraps
10. 4 screws + rawl plug



Applications

Air conditioners up to 10 kW
Wall split systems



Accessories



ACC 00105, ACC 00150, ACC 00151

Clear PVC tubing: 6 mm int.
ACC 00105 : 5 m roll
ACC 00150 : 50 m roll
ACC 00151 : reinforced 50 m roll



ACC 00205

6 self-sealing fittings for condensate removal.

Table of true flow rate SI 1082

The head losses defined in this table are calculated with 6 mm int. flexible tubing	Vertical discharge head	Total tubing length			
		5 m	10 m	20 m	30 m
		SI1082 (in l/h)	SI1082 (in l/h)	SI1082 (in l/h)	SI1082 (in l/h)
	1 m	6.8	6.3	5.3	4.3
	2 m	5.5	5	4.1	3.2
	3 m	4.2	3.8	3	2.5
	4 m	3	2.6	2.2	2
	5 m	2.2	2	1.8	1.5
	6 m		1.4	1.2	1