


Performance and technical characteristics		
	Mains supply	230V~ 50 Hz - 35 W
	Max flow rate	30 l/h (6.6 gph)
	Max suction head	2.5 m (8 ft)
	Max discharge head	10 m (33 ft)
	Sound level in application (Measured in Sauermann acoustic lab, pump operating with water)	≤ 42 dBA at 1 m
	Detection Levels	On=16mm, Off=11mm, Alarm=19mm
	Alarm contact	NO - NC 8 A resistive – 250 V
	Thermal protection (overheat)	90°C
	Safety Standards	CE
	RoHS directive	Conform
	WEEE directive	Conform
	Pump dimensions	L 74 x W 52 x H 95 mm
	Detection unit dimensions	L 57 x W 38 x H 36 mm
Weight (including box)	± 0.525 kg	
Master Pack quantity	10 pieces	

Features & benefits

- Small size
- High performance
- Removable screw terminal

Description

Mini condensate pump specifically designed for air conditioning units with limited internal space.

- Reciprocating piston pump which first sucks in, then evacuates the condensation water.
- Consisting of a pump unit and a remote detection unit fitted with a 3 level float (on / off / alarm).
- Normally closed alarm contact that can be used to automatically cut off the air conditioning system compressor or a solenoid valve.
- Normally open alarm contact that can be used to automatically operate a light signal or a buzzer.
- Thermal protection: 90°C on the pump coil.

Kit contents

- Piston pump bloc 30 l/h
- Detection unit with float (SI2958, 1.5m cable)
- 6 ways connector (Power: P, N, G + Alarm: C, NO, NC) and Connector protector
- Detector installation kit : blond rubber Ø 15 x 35 mm, vent pipe Ø 4 x 6 mm – 75 mm, self-adhesive mounting rail

Applications

Air conditioners up to 30 kW
 Wall split systems
 Fan coils
 Ceilling suspended units
 Ducted units



Accessories

	<p>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</p>
	<p>ACC 00205 6 self-sealing fittings for condensate removal</p>
	<p>ACC 17010 In line filter For Ø 6 mm int. tube (0.24")</p>

Table of true flow rate for SI 1730

The head losses defined In this table are calculated With a Ø 6 mm int. Flexible pipework	Vertical discharge head	Total tubing length			
		5 m (in l/h)	10 m (in l/h)	20 m (in l/h)	30 m (in l/h)
SUCTION HEIGHT 0m	1 m	29	27	25	23
	2 m	27.5	25.5	24	22
	3 m	25.5	24	22	20.5
	4 m	23.5	22	20	19
	5 m	21	19.5	18	16.5
	6 m		16.5	15	14
	7 m		14	12.5	11.5
	8 m		11.5	10	9
	9 m		9	7.5	6.5
	10 m		6	5	4
SUCTION HEIGHT 1m	1 m	24	22	21	20
	2 m	22	21	20	19
	3 m	20	19	18	17.5
	4 m	17	16.5	16	15.5
	5 m		14	13.5	13.5
	6 m		11.5	11	11
	7 m		10	9.5	9
	8 m		8	7.5	7
	9 m		6	5.5	5
	10 m			3.5	3
SUCTION HEIGHT 2m	1 m	20	19	18	17.5
	2 m	17	16.5	16	15.5
	3 m	14.5	14	13.5	13.5
	4 m		11.5	11	11
	5 m		10	9.5	9
	6 m		8	7.5	7
	7 m		6	5.5	5
	8 m		4	3.5	3
SUCTION HEIGHT 2.5m	1 m	14.5	14	13.5	13.5
	2 m	12	11.5	11	11
	3 m		10	9.5	9
	4 m		8	7.5	7
	5 m		6	5.5	5
	6 m		4	3.5	3

Different installation possibilities

