


Performance and technical characteristics		
	Mains supply	230V~ 50/60Hz -18 W
	Max flow rate	10 l/h (2.2 gph)
	Max suction head	2 m (6.6 ft)
	Max discharge head	6 m (19.7 ft)
	Sound level in accordance with EN ISO 3744 (Measured at LNE lab, pump operating with water, out of application)	25.1 dBA at 1 m (3.3 ft)
	Sound level in application (Measured in Sauermann acoustic lab, pump operating with water)	≤ 30 dBA at 1 m (3.3 ft)
	Detection levels	On=16mm, Off=11mm, Alarm=19mm
	Alarm contact	NC 8 A resistive – 250V
	Thermal protection (overheat)	90°C
	Protection	IP 20
	Safety Standards	CE
	RoHS directive	Conform
	WEEE directive	Conform
	Pump dimensions	L 66 x W 44 x H 59 mm
Detection unit dimensions	L 55 x W 38 x H 36 mm	
Weight (including box)	± 0.375 kg	
Master pack quantity	25 pieces	
Features & benefits		
<ul style="list-style-type: none"> ▪ Small size ▪ Low noise level ▪ Low maintenance filter-free detection unit ▪ Removable connector and sliding rubber bracket for easy installation 		
Description		
<p>Mini 10l/h condensate pump specifically designed for air conditioning units with limited internal space.</p> <ul style="list-style-type: none"> ▪ Reciprocating piston pump which first sucks in, then evacuates the condensation water. ▪ Detection unit fitted with a 3 level float (on / off / alarm). ▪ Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve. ▪ Thermal protection: 90°C on the pump coil. ▪ Electrical connection by plug. 		
Kit content		
<ul style="list-style-type: none"> ▪ Piston pump bloc ▪ 1,5 m power + alarm cable ▪ Detection unit with float (SI2958, 1.5 m cable) ▪ Rubber anti-vibration mounting bracket ▪ Detector installation kit : blond rubber Ø 15 x 35 mm, vent pipe Ø 4 x 6 mm x 75 mm, self-adhesive mounting rail 		

Applications

Air conditioners up to 10 kW
 Wall split systems
 Fan coils
 Ceiling suspended units
 Ducted units



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 for SI 3100

The head losses defined In this table are calculated With a 6 mm int. Flexible pipe work	Vertical discharge head	Total tubing length			
		5 m SI 3100 (in l/h)	10 m SI 3100 (in l/h)	20 m SI 3100 (in l/h)	30 m SI 3100 (in l/h)
SUCTION HEIGHT 0m	1 m	9,5	9,0	8,2	7,4
	2 m	7,0	6,5	5,7	4,9
	3 m	5,0	4,6	3,9	3,4
	4 m	4,0	3,6	3,1	2,8
	5 m	3,2	2,7	2,5	2,3
	6 m		2,2	2,0	1,8
SUCTION HEIGHT 1m	1 m	7,5	7,0	6,2	5,4
	2 m	6,0	5,0	4,2	3,4
	3 m	4,8	3,5	2,9	2,5
	4 m	3,6	2,6	2,1	1,8
	5 m		1,7	1,5	1,3
	6 m		1,2	1,0	0,8
SUCTION HEIGHT 2m	1 m	6,2	5,7	4,9	4,1
	2 m	5,0	4,5	3,7	2,9
	3 m	3,8	3,4	2,7	2,2
	4 m		2,0	1,5	1,2
	5 m		0,5	0,3	0,0
	6 m		0,0	0,0	0,0

Different installation possibilities

