


Performance and technical characteristics		
	Mains supply	230V~ 50Hz - 325 W
	Max flow rate	1100 l/h (242 gph)
	Max discharge head	10 m (32.8 ft)
	Max pressure	11 m (36 ft, Flowrate= 0)
	Sound level in application (Measured in Sauermann acoustic lab, pump operating with water)	≤66 dBA at 1m (3.3ft)
	Detection levels (+/- 3mm)	On=81mm, Off=48mm, Alarm=101mm
	Alarm contact	NC 4 A resistive – 250V
	Thermal protection (overheat)	135°C
	Safety Standards	CE
	RoHS directive	Conform
	WEEE directive	Conform
	Pump dimensions	L 305 x W 152 x H 257 mm
	Weight (including box)	± 5.9 kg
Packaging	3 pcs	

Features & benefits

- High discharge head
- High flowrate
- Integrated tank pump of 3.8l (1gal)
- High temperature resistance (87°C)
- Thermal protection de 135°C

Description

Monobloc centrifugal pump with tank.

- Centrifugal pump for heavy and contaminated condensates
- Suitable for mild acid and hot condensates (87°C max)
- Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve.
- Thermal protection: 135°C

Kit contents

- Automatic pump with integrated 3.8l tank
- Integrated non return valve

Applications

Condensing boilers
High efficiency gas furnaces

Multi-cassettes
Column units
Laboratory evaporators
Display cabinets

Cold store evaporators
Ducted units



Accessories

	<p>ACC 00110 Install kit Consisting of: 1 X ACC 00225, 1 X ACC 00230, 1 X ACC 00240</p>		<p>Adaptors ACC 00225: Ø 24-25mm ACC 00230: Ø 32 mm ACC 00240: Ø 40 mm</p>
	<p>ACC 00125, ACC 00126 Clear PVC tubing Ø 10 mm ACC 00125 : 25 m roll ACC 00126 : reinforcing 25 m roll</p>		<p>ACC 00601 Float detector Used to operate an additional alarm or switch on the pump</p>

Table of true flow rate for SI 1850

The head losses defined in this table are calculated With a Ø 10 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)
	1 m	750	590	375	285
	2 m	675	545	345	270
	3 m	600	500	310	255
	4 m	520	460	285	235
	5 m	450	410	255	215
	6 m		355	225	190
	7 m		300	185	160
	8 m		240	145	125
	9 m		170	100	85
	10 m		85	60	45