


Performance and technical characteristics		
	Mains supply	230V~ 50/60Hz - 90 W
	Max flow rate	500 l/h (110 gph)
	Max discharge head	5.4 m (17.7 ft)
	Max pressure	5.8 m (19 ft)
	Sound level in application (Measured in Sauermann acoustic lab, pump operating with water)	≤47 dBA at 1m (3.3 ft)
	Detection Levels (±3mm)	On=50mm, Off=37mm, Alarm=75mm
	Alarm contact	NC 4 A resistive – 250V
	Thermal protection (overheat) Protection	130°C IP 20
	Safety Standards	CE
	RoHS directive	Conform
	WEEE directive	Conform
	Pump dimensions	L 195 x W 130 x H 170 mm
	Box dimensions	L 235 x W 135 x H 185mm
	Weight (including box)	± 2.0 kg
Master Pack quantity	10 pieces	

## Features & benefits

- High discharge head
- High flowrate
- Integrated tank pump of 2l
- Thermal protection 130°C

## Description

Monobloc centrifugal pump with tank.

- Centrifugal pump for heavy and contaminated condensates
- Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve.

## Kit contents

- Integrated automatic tank pump of 2 l
- Integrated check valve
- Installation Kit : 2 screws and rawl plugs
- Power cable : 1 m bare ends, 5 wires (P, N & Earth, alarm C+NC contact)
- 10 mm to 6 mm (3/8" to 1/4") adaptor for clear tubing

## Applications

Multi-cassettes  
Column units  
Evaporators  
Display cabinets

Cold store cabinets  
Ducted units

Condensing boilers  
High efficiency gas furnaces



## Accessories

	<p><b>ACC 00110</b> Install kit Consisting of: 1 X ACC 00225, 1 X ACC 00230, 1 X ACC 00240</p>		<p><b>Adaptors</b> ACC 00225: Ø 24-25mm ACC 00230: Ø 32 mm ACC 00240: Ø 40 mm</p>
	<p><b>ACC 00125, ACC 00126</b> Clear PVC tubing Ø 10 mm ACC 00125 : 25 m roll ACC 00126 : reinforcing 25 m roll</p>		<p><b>ACC 00601</b> Float detector Used to operate an additional alarm or switch on the pump</p>
		<p><b>ACC 00801</b> Check valve Ø 10mm (2/5")</p>	

## Table of true flow rate for SI 1820

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	460	380	280	200
	2 m	390	320	240	180
	3 m	300	250	190	150
	4 m	200	180	130	100
	5 m	90	80	60	50