


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=32mm, Off=25mm, Alarm=39mm
	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 W130 x H 122 mm
	Box dimensions	L 235 x W 135 x H 185 mm
	Weight (including box)	± 2.0 kg
Master Pack quantity	10 pieces	

## Features & benefits

- High discharge head
- High flow rate
- Compact and reversible pump
- Thermal protection 130°C

## Description

Monobloc automatic impeller tank pump.

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

## Kit contents

- Integrated tank pump of 0,5 l
- Integrated check valve
- Installation Kit : 2 screws and 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  
Laboratory evaporators  
Display cabinets

Cold store evaporator  
Ducted units

Condensing Boilers  
High efficiency Gas furnace



## Accessories

	<b>ACC 00110</b> Special install kit for SI 1805 Consisting of: 1 X ACC 00225, 1 X ACC 00230, 1 X ACC 00240		<b>Adaptors</b> ACC 00225: Ø 24-25mm ACC 00230: Ø 32 mm ACC 00240: Ø 40 mm
	<b>ACC 00125, ACC 00126</b> Clear PVC tubing Ø 10 mm ACC 00125 : 25 m roll ACC 00126 : reinforced 25 m roll		<b>ACC 00601</b> Float detector Used to operate an additional alarm or switch on the pump
	<b>ACC 00801</b> Check valve Ø 10mm (2/5")		

## Table of true flow rate for SI 1805

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