


| Performance and technical characteristics | | |
|---|--|--|
|  | Mains supply | 230V~ 50/60Hz - 90 W |
| | Max flow rate | 500 l/h |
| | Max discharge head | 5.4 m |
| | Max pressure | 5.8 m |
| | Noise level | 47 dBA |
| | Water levels | On=43mm, Off=27mm, Alarm=67mm |
| | Alarm contact | NC 4 A resistive – 250V |
| | Thermal protection) (overheat Protection | 130°C IP 20 |
| | Safety Standards | CE certified by VDE laboratory conform |
| | RoHS directive | |
| | Pump dimensions | L 195 x W 130 x H 170 mm |
| | Box dimensions | L 214 x W 207 x H 180 mm |
| | Weight (including box) | ± 2.0 kg |
| Master pack quantity | 10 pieces | |
| Features & benefits | | |
| <ul style="list-style-type: none"> • High discharge head • High flowrate • Integrated tank pump of 2l • Thermal protection de 130°C | | |
| Description | | |
| One-piece centrifugal pump with tank. <ul style="list-style-type: none"> • Centrifugal pump for heavy and contaminated condensates • Normally closed alarm contact that automatically cuts off the air conditioning system compressor or a solenoid valve. • Thermal protection: 130°C | | |

Kit contents

- Integrated automatic tank pump of 2 l
- Integrated check valve
- Installation Kit : 2 screws and plugs
- Power cable : 2 m with European plug
- Alarm wires : 1 m, 2 wires (NC contact)

Applications

Multi-cassettes
Column units
Evaporators
Display cabinets

Cold store cabinets
Ducted units

Condensing boilers
High efficiency gas furnaces



Accessories



ACC 00110
Special install kit for SI 1820
Consisting of:
1 X ACC 00225, 1 X ACC 00230,
1 X ACC 00240



ACC 00125, ACC 00126
Clear tubing Ø 10 mm
ACC 00125 : 25 m roll
ACC 00126 : reinforcing 25 m roll



Adapter
ACC 00225: Ø 25mm
ACC 00230: Ø 32 mm
ACC 00240: Ø 40 mm



ACC 00801
Check valve Ø 10 mm



ACC 00601
Float detector
Used to operate an additional alarm or
switch on the pump

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 |