

# 6470

## CENTRIFUGAL PUMP



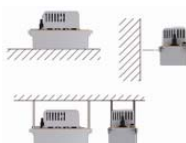
The 6470 pump is designed to simplify installation in all types of applications. It can discharge up to 500 L/h, making it suitable for air-conditioning and refrigeration equipment.

Robust construction: the Si-82 perfectly withstands contaminated condensate, high temperatures, and acidic condensate (pH > 2.5) produced by gas condensing boilers.

### ADVANTAGES

#### • High Performance

- It can condensate up to a height of 5 m.
- Up to 500 L/h, reducing operating times.
- **Low noise level** for quiet operation.



#### • Installation anywhere

The pump can be wall-mounted, floor-mounted, or suspended from the ceiling.

#### • Flexible

Easily removable tank and reversible pump allow installation to the right or left of the application, with a choice of condensate outlet side.



#### • Simple electrical connection

New plug-in power cable simplifies installation and maintenance.



#### • Simple hydraulic connection

- New quarter-turn non-return valve designed to facilitate connection of Ø 10 mm (3/8") internal diameter tubing.
- Four Ø 30 mm (1 3/16") openings for condensate inlet.



#### • High durability

- Float resistant to acids and oils.
- Impact-resistant mechanical structure.

### KIT CONTENTS



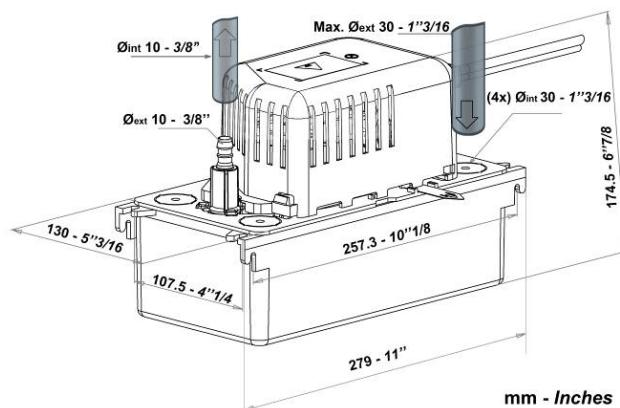
- Monoblock centrifugal pump with tank (2 L).
- Integrated non-return valve, Ø 10 mm (3/8") external diameter.
- Plug-in cable: power supply (2 m, European plug) and alarm cable (1.5 m, bare wires).
- Straight connector Ø 10 mm (3/8") OD / Ø 6 mm (1/4") OD
- 2 screws + 2 wall plugs

## APPLICATIONS

- Air-handling units • Multi-cassette recovery units • Ducted units • Gas condensing boilers
- Gas heaters • Refrigerated cabinets • Evaporators

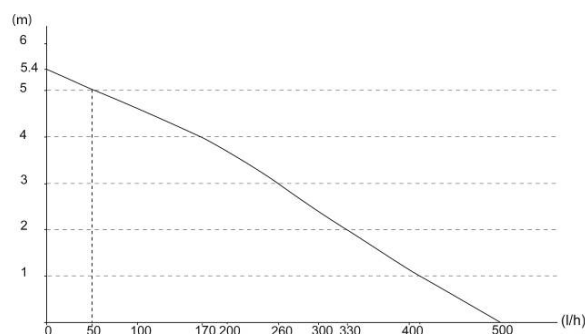
## TECHNICAL SPECIFICATIONS

|                                                                                                                       |                               |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Max. Flow rate                                                                                                        | 500 l/h                       |
| Max. discharge head                                                                                                   | 5.0m                          |
| Max. pressure                                                                                                         | 5.4 m (flow=0)                |
| Noise level at 1 m $\leq$ 45 dBA (measured in Sauermann acoustic laboratory, pump installed and operating with water) |                               |
| Power supply                                                                                                          | 230V~ 50Hz - 70 W – 0.67A     |
| Detection levels                                                                                                      | ON: 53mm, OFF: 42mm, AL: 64mm |
| Safety contact                                                                                                        | NC 8 A resistivo - 250 V      |
| Max. Condensate temperature                                                                                           | 65°C, 80°C for short periods  |
| Max. Condensate acidity                                                                                               | pH > 2.5                      |
| Thermal protection                                                                                                    | 105°C (automatic reset)       |
| Duty cycle                                                                                                            | 30%: 3s ON – 7s OFF           |
| Protection                                                                                                            | IP20                          |
| Safety standards                                                                                                      | CE                            |
| RoHS Directive                                                                                                        | Compliant                     |
| DEEE Directive                                                                                                        | Compliant                     |
| Weight                                                                                                                | 2.5 kg                        |
| Packaging                                                                                                             | 4 piezas: L400xA300xA200 mm   |
| Masterpack                                                                                                            | 64 piezas - Palbox (EUR)      |

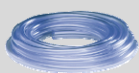


## ACTUAL FLOW RATE TABLE

| Discharge head | Total pipe length (Ø int. 10 mm) |      |      |      |
|----------------|----------------------------------|------|------|------|
|                | 5 m                              | 10 m | 20 m | 30 m |
| 1 m            | 380                              | 300  | 240  | 190  |
| 2 m            | 310                              | 260  | 200  | 150  |
| 3 m            | 240                              | 200  | 145  | 110  |
| 4 m            | 150                              | 130  | 80   | 60   |
| 5 m            | 30                               | 20   | 0    | 0    |



## RECOMENDED ACCESSORIES



### ACC 00125, ACC 00126

Transparent PVC hose Ø int. 10 mm (3/8")

ACC 00125: 25 m roll

ACC 00126: reinforced, roll 25 m



### ACC 00801

- Replacement non-return valve Ø 10 mm (3/8") OD



### ACC 02040

Flexible adapter Ø int. 24/25 - 32 - 40 mm (Ø int. 1" - 1 1/4" - 1 1/2")