

Technical Data Sheet | Condensate Removal Pump

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Condensate Removal Pump SI83CE05IN23



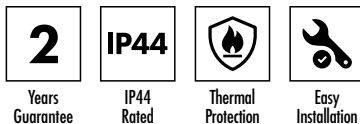
Specification

| | |
|----------------------------------|---|
| Finish | White |
| Dimensions | 129(h) x 287(w) x 146(d) mm |
| Weight | 1.83kg |
| Tank Capacity | 2 Litres |
| Mains Supply | 230 V~50 Hz - 115W-1.4 A |
| Max Discharge Head | 5.4m (65 l/h) |
| Max Pressure (Flow Rate 0) | 5.7m |
| Sound Level in Application at 1m | ≤ 45 dBA (Measured in Sauermann acoustic lab, pump operating with water) |
| Max Condensate Temperature | 55°C, 80°C Short peaks 10 minutes |
| Max Condensate Acidity | pH > 2.5 (Gas condensing boilers) |
| Safety switch | NC |
| Thermal protection (overheating) | 120°C (Auto reset) |
| Operating conditions | 7%: 16s ON - 212s OFF |
| Class | I |
| IP Rating | IP44 |
| Safety standard | CE |
| RoHS directive | Compliant |
| WEEE directive | Compliant |

Applications

- Residential applications
- Air-conditioning up to 20kW
- Heating up to 40kW
 - Gas condensing boiler
 - Condensing high efficiency gas furnaces

Key Features + Benefits



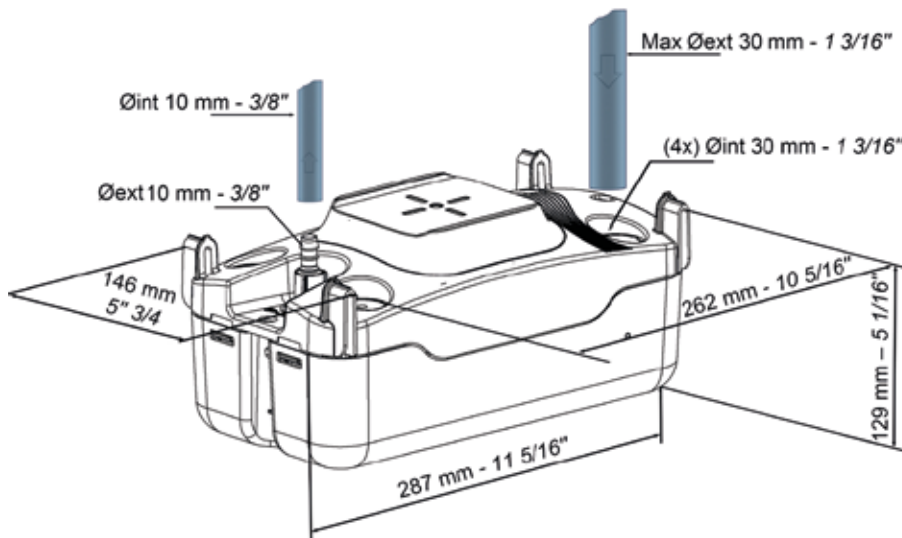
Certifications + Accreditations

Sauermann UK

Units 7-9 Trident Business Park, Amy Johnson Way, Blackpool FY4 2RP. Technical Helpline: 01253 340170 Email: info.uk@sauermanngroup.com

All information on the data sheet is correct at the time of publication. All measurements are approximate and subject to standard tolerances.

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Features

Exceptional Durability and Reliability

- Float design resistant to fouling
- Stainless steel motor shaft
- Tolerates acidic condensates (pH >2.5) produced by gas-condensing boilers

Quick + Easy Installation in any place

- Designed for intuitive installation
- Can be floor-mounted, wall-mounted, or suspended from the ceiling
- Can be easily installed whatever the lay out of the premises thanks to its very compact profile: 129mm in height
- 5 inlet options for unmatched versatility Ø 30mm: 4 on top, 1 on the side for low condensate entry
- Rod mounting system makes levelling easy
- Customized Smartphone App (available for both iOS and Android devices)

Quick + Easy Maintenance

- No need to remove pump from installation to clean
- Removable anti-return valve
- Maintenance function in the Smartphone App (available for both iOS and Android devices)

Regular Duty

- IP 44
- 2 Litre tank capacity

Kit Contents

- One-piece centrifugal pump with 2 Litre tank
- Integrated barb end check valve, Ø ext. 10mm
- 1.8m power cord, plug
- Straight connector, diameter 10mm
- Rubber outlet adaptor, diameter 10mm (3/8) - 20mm (3/4)
- Clear PVC tubing int. diameter 10mm, 6m long
- Built-in safety switch, 1m wires, plug, NC
- 2 screws, 2 plugs

Accessories

- | | |
|--------------------|--|
| ACC00911 | Clear PVC tubing Ø int. 10mm, 25m roll |
| ACC00915 (braided) | 10mm, 25m roll |
| ACC00925 | Non-Return Check valve for Ø ext. 10mm tubes |
| ACC00939 | 3 size multi adaptor to be used for Ø 15/17 - 20 - 24/25 - 32 - 40mm tubes |
| PH0100SIUN23 | Neutralization cartridge to treat condensates produced by gas condensing boilers |

| Condensate Inflow Rate (l/h) | Total tube length using Ø int. 10 mm | | | |
|------------------------------|--------------------------------------|-----|-----|-----|
| | 5m | 10m | 20m | 30m |
| Discharge Head | | | | |
| 1m | 26 | 23 | 17 | 13 |
| 2m | 22 | 19 | 14 | 13 |
| 3m | 19 | 16 | 11 | 8 |
| 4m | 13 | 10 | 7 | 6 |
| 5m | 8 | 6 | 4 | - |

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