

Condensate pumps

EDITION 5



Acknowledged globally



GOBI II



Quiet mode - 20 dB

Configure pump performance to AC unit capacity.



Diagnostic LED

Patented two color long-life LED to ensure correct initial installation and to assist in diagnostics on future service calls.



Warranty benefit

Warranty period starts with pump installation



Digital sensor

Unique digital water level sensor with no moving parts to get stuck or clogged.



Universal application

Widest application range for exposed mount pumps in the market from 6,000 Btu/H to 120,000 Btu/H (1.75 kW to 35 kW).



Powerful operation

Up to 11 GPH
9.8 ft. Suction
65.6 ft. Lift

The GOBI II condensate pump has been completely redesigned retaining all the good features you like and upgrading everything else. The GOBI II has a massive flow range allowing its use from 6,000 Btu/H (1.75 kW) up to 120,000 Btu/H (35 kW). Its digital water sensor, universal voltage and user configurable flow ensure it is the strongest, quietest under A/C mounted condensate pump on the market today.

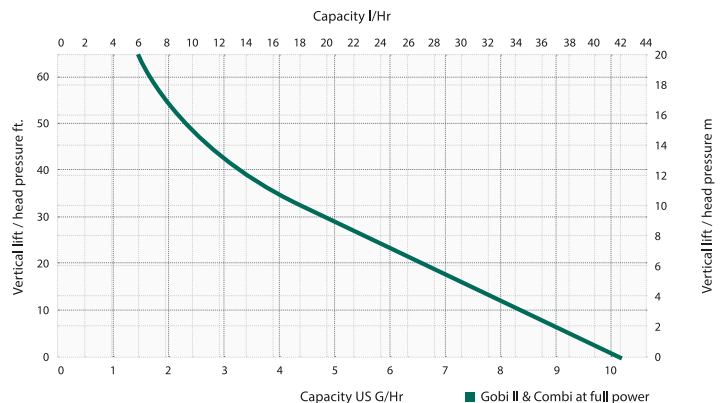


Technical information

- Maximum flow rate: 11 GPH
- Maximum suction: 9.8 ft. self priming
- Maximum head: 65.60 ft.
- Maximum horizontal run: 330 ft. at 0 head and 0 suction
- Sound: 20 dB at 1 m DIN EN ISO 3741:2011 / DIN EN ISO 3744:2010
- Voltage: 100 ~ 240 VAC 50/60 Hz auto sensing universal power input
- Power: 8 watts during maximum operation at 110 V
- Alarm relay: 6.3 Amps contacts with integrated replaceable fuse 5 x 20 mm
- Weight: 2.45 Lbs.
- Discharge star tube: ¼" I.D. x 3.3 ft.
- Protection: Fully potted, IP-44
- Ambient and water: 41 °F to 104 °F
- Compliance: Conforms to UL:778 and Certified to CSA C22.2 #68

Part No. 3004145

Capacity

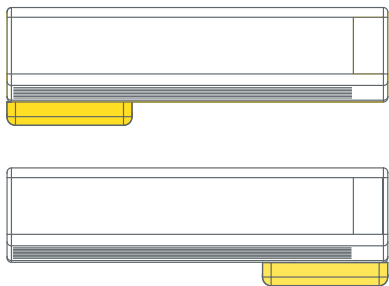


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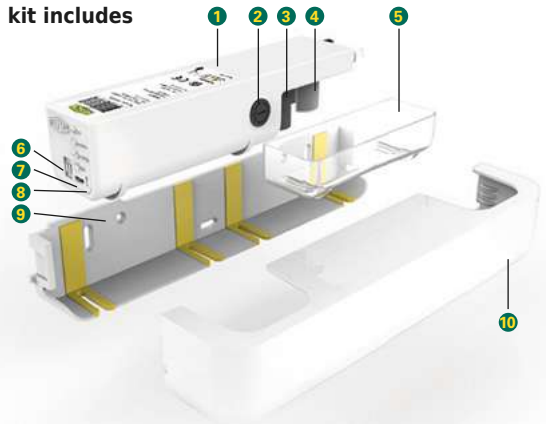
GOBI II

Application



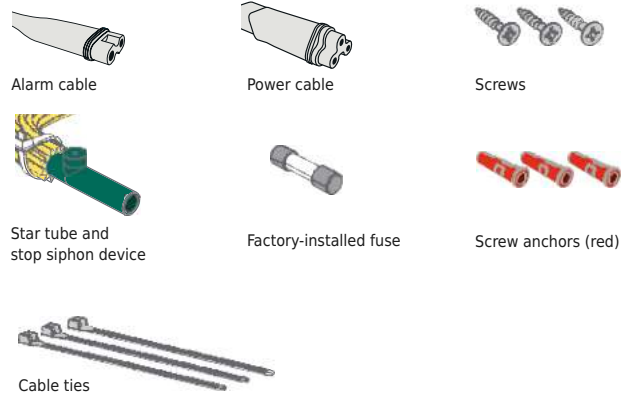
Gobi II pump can be mounted on the right or on the left side.

GOBI II kit includes



- | | | |
|--------------------------|------------------|-------------------|
| 1 Pump body | 5 Water tray | 9 Wall back plate |
| 2 Factory-installed fuse | 6 Dip-switches | 10 Cover |
| 3 Replaceable filter | 7 USB port | |
| 4 Digital sensor | 8 Diagnostic LED | |

Provided accessories



Dimensions pump



Replacement parts



- | | | | |
|--|-------------------------------------|--|--|
| KIT-4087
Star tube with
Stop-Siphon
Device | FIL-4064/4
Filter, 4 pcs. | FUS-4180/10
Fuses 5 x 20
6.3 A, 10 pcs. | HSG-4065/4
Stop-Siphon
Device, 4 pcs. |
| Part No.
3004087 | Part No.
3004064 | Part No.
3004180 | Part No.
3004065 |



COMBI



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Configure pump performance to AC unit capacity.



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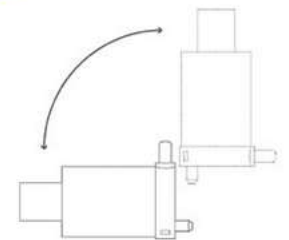


Powerful operation

Up to 11 GPH
9.8 ft. Suction
65.6 ft. Lift

The COMBI condensate pump is a design specifically manufactured for use in duct-free air conditioning split systems. The COMBI is full of custom features that are unique to the world market.

The flow range, optional configuration and universal voltage allow both installing contractors and wholesalers to stock and use a single product that fulfills all your requirements.



Water sensor can be used horizontally or vertically.

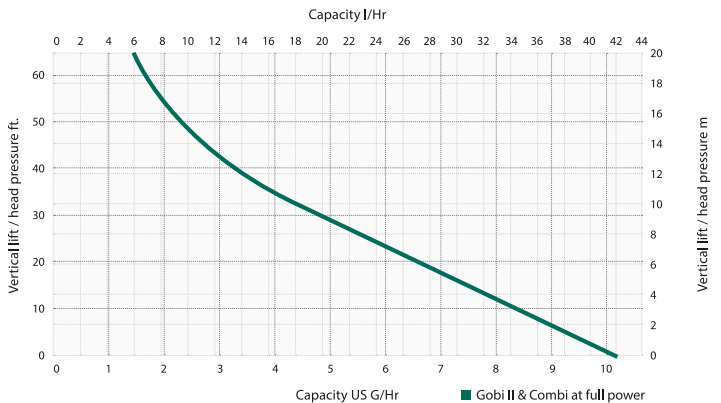
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- Maximum head: 65.60 ft.
- Maximum horizontal run: 330 ft. at 0 head and 0 suction
- Sound: 20 dB at 1 m DIN EN ISO 3741:2011 / DIN EN ISO 3744:2010
- Voltage: 100 ~ 240 VAC 50/60 Hz auto sensing universal power input
- Power: 8 watts during maximum operation at 110 V
- Alarm relay: 6.3 Amps contacts with integrated replaceable fuse 5 x 20 mm
- Weight: 2.2 Lbs.
- Discharge star tube: ¼" I.D. x 3.3 ft.
- Protection: Fully potted, IP-44
- Ambient and water: 41 °F to 104 °F
- Compliance: Conforms to UL:778 and Certified to CSA C22.2 #68

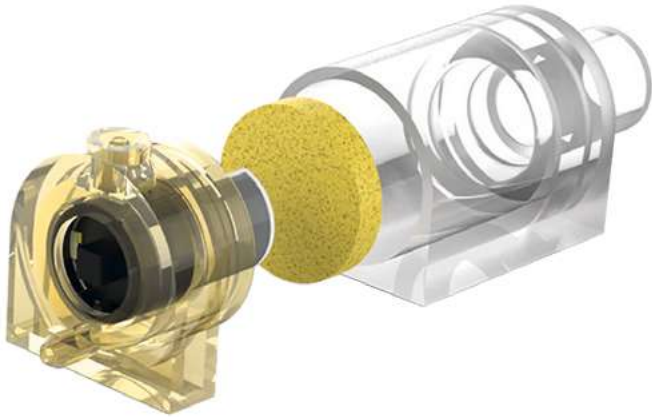
COMBI

Part No. 3004146

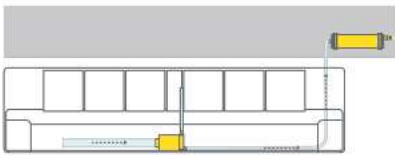
Capacity



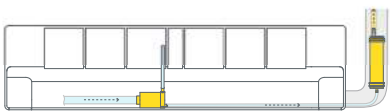
Acknowledged globally



Application



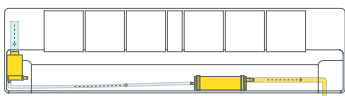
Water sensor in the AC unit, pump in the ceiling.



Water sensor inside the AC unit and pump outside the unit.

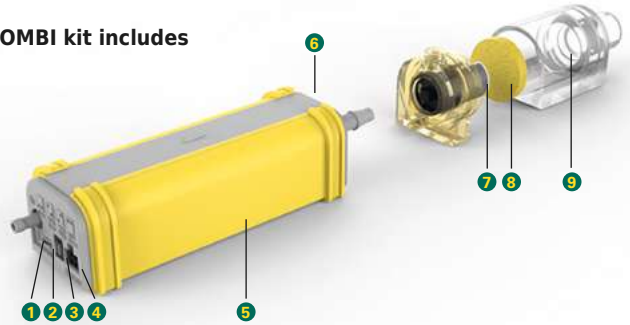


Water sensor and pump in the AC unit next to each other.



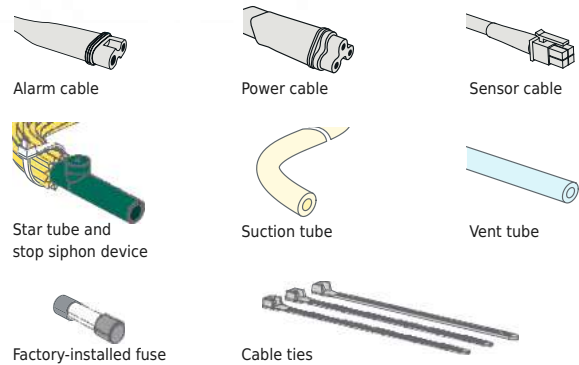
Water sensor vertical and pump in the AC unit.

COMBI kit includes

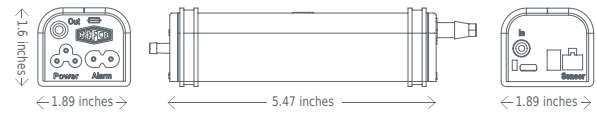


- 1 Diagnostic LED
- 2 USB port
- 3 Dip-switches
- 4 Water sensor plug
- 5 Pump body
- 6 Factory-installed fuse
- 7 Digital sensor
- 8 Replacable filter
- 9 Water sensor

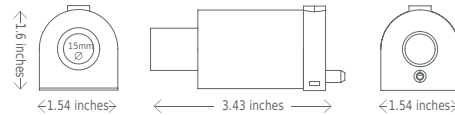
Provided accessories



Dimensions pump



Dimensions water sensor



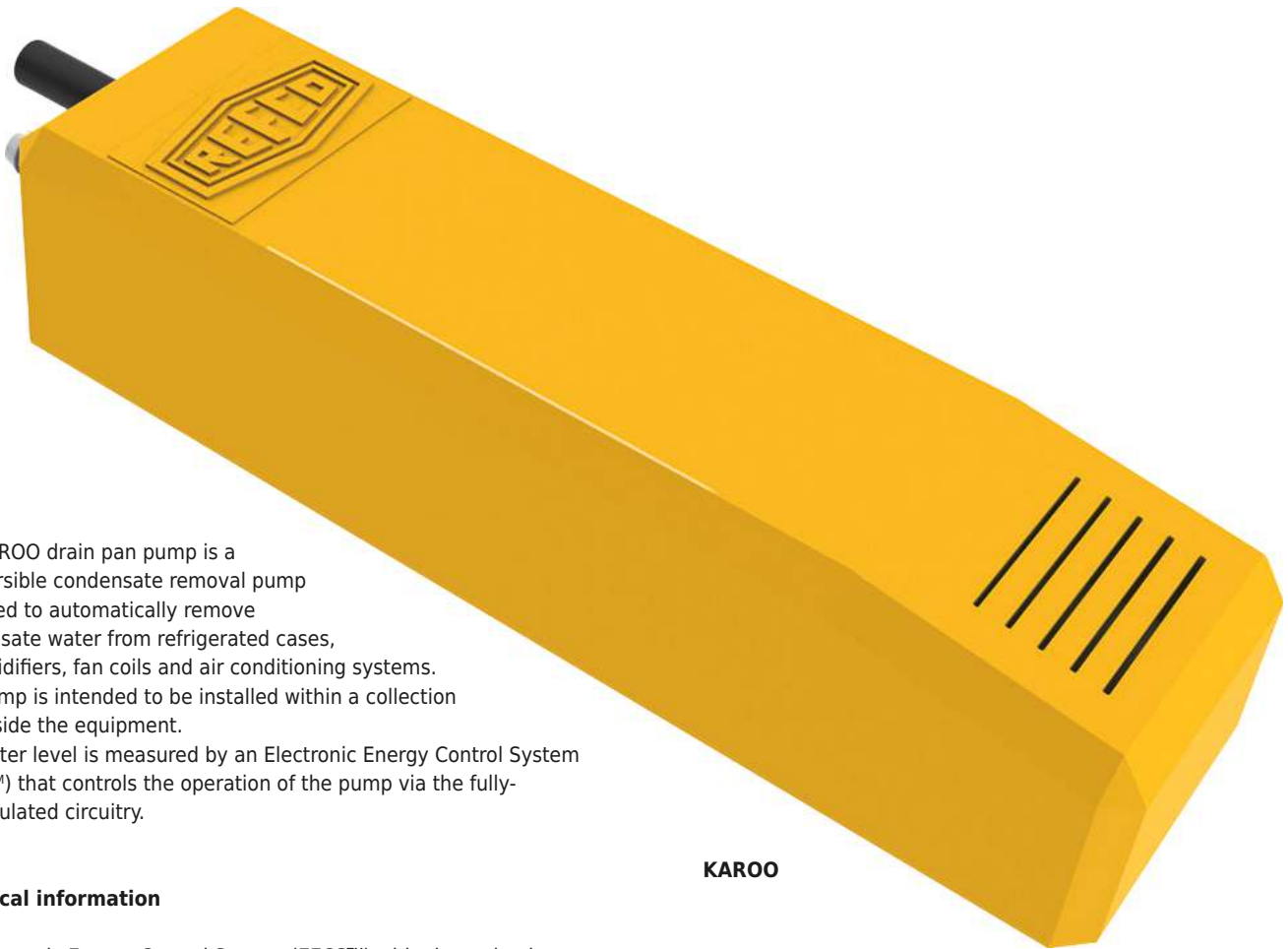
Replacement parts



Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
KIT-4087 Star tube with Stop-Siphon Device	FIL-4063/4 Filter, 4 pcs.	FUS-4180/10 Fuses 5 x 20 6.3 A, 10 pcs.	HSG-4065/4 Stop-Siphon Device, 4 pcs.	CAB-4007 Water sensor cable	COMBI-SEN Spare sensor for COMBI
3004087	3004063	3004180	3004065	4687950	3004113



KAROO



The KAROO drain pan pump is a submersible condensate removal pump designed to automatically remove condensate water from refrigerated cases, dehumidifiers, fan coils and air conditioning systems. The pump is intended to be installed within a collection tray inside the equipment. The water level is measured by an Electronic Energy Control System (EECS™) that controls the operation of the pump via the fully-encapsulated circuitry.

KAROO

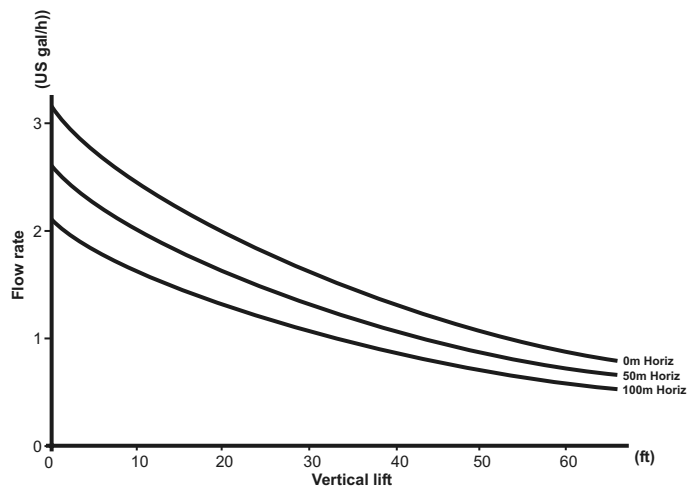
Technical information

- Electronic Energy Control System (EECS™) with alarm circuit
- Soft start with EECS™
- All electrical components safely encapsulated against moisture ingress
- Submersible
- Amazingly quiet
- Powerful and compact
- Filter and non-return valves built in
- No mechanical floats to stick
- CE and UL approved

Power supply: 120/240 V, 50/60 Hz Auto sensing
Power consumption: 16 W max., 0.25 when idle
Alarm relay: 5 A, 30 VDC, 250 VAC Break on fault
Capacity: 3.17 US gal/h
Discharge head: >65 ft vertical, >328 ft horizontal
3.28 ft suction
Ambient temp: 32 °F to 104 °F
Material: Flame retardant ABS - UL94 5 VA
Discharge tube: ¼" ID
Dimensions: 6.3" x 1.7" x 1.3" (LxWxH)

Part No. 4678512

Capacity



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AquaSwitch

Inverter Check Kit



AquaSwitch

The AquaSwitch is an Electronic Water Switch for metal or plastic Drain Pans. For all Applications where a reliable switch is needed to control or indicate the presence of water.

Technical information

- No moving parts and non-contact sensing
- Unique AquaSensor eliminates the problems associated with float switches and conductive probes
- Two solid-state sensors are fixed inside the two detector wings at the front of the housing to sense the water
- Switching capacity is 250 V, 5 amps max.
- Normally closed and opens when water is detected
- 95-254 V 50/60 Hz or 24 V ac/dc
- Relay switch off delay is 2.5 seconds
- Temperature range is 32 to 167 degrees F
- Water level for switching relay is 3/8"
- Five-way power cable available in 20", 5' or 10' lengths
- All components are totally encapsulated for safety against water ingress
- The AquaSwitch can be fixed to the wall of a drain pan by screws through the fixing slots or to the bottom of the tray using waterproof double-sided tape

Dimension: 2" x 1.25" x 1.2" (LxWxH)

Part No.	Voltage	Cord Length
4678546	24 V	20" cable
3000544	24 V	5' cable
3000542	24 V	10' cable
4678741	90-254 V	20" cable
3000535	90-254 V	10' cable



Inverter Check Kit



The INVERTER CHECK KIT is an invaluable tool for the analysis of problems with inverted-fed air conditioners. Designed to be used both in installation and maintenance, this kit can indicate correctly-operating inverter power stages, as well as the serial-link communication between the condensing unit and the indoor units. This allows the air conditioning engineer to easily identify faults and reduces the time required for analysis and repair. The kit contains the electronic module with a set of leads for testing the serial communications links, as well as a selection of cables and connectors for the power output terminals of the inverter.

Technical information

- Suitable for all sizes and manufacturer's air conditioners
- Crocodile clips, hook connectors and cable sets provided
- Shows up damage to Inverter Output Stage
- Identifies pc-board or wiring faults on Data Link Circuits
- LED indicators show correct operation

Dimension: 3.19" x 2.88" x 1.10" (LxWxH)

Part No. 4678571



www.condensate-pumps.com

24/7

customer service:
1 800 848 4232



REFCO supports **OceanCare's** work to protect the habitat of polar bears.



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