## Chinafore

## **Chinafore**

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Air is life

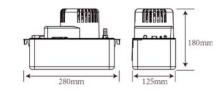
Innovative team to provide high-quality HVAC solutions

## **Refcenter®**

#### **PUMP**



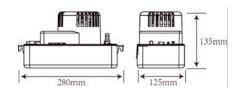
#### Tank Pump-V



Tank capacity:2.2L



#### Tank Pump-L



Tank capacity:1.1L

This condensate draining pump is able to drain huge volume of condensation. It is easy to install and suitable for installations in all spaces.

Multiple colors to choose from:









| Model                      | Voltage(V) | Frequency(HZ) | Current(A) | Power(W) | 0.3m(L/H) | /ater flow rate<br>1.5m(L/H) | at<br>2.7m(L/H) | Discharge head |
|----------------------------|------------|---------------|------------|----------|-----------|------------------------------|-----------------|----------------|
| RTP15WS115V                |            |               |            |          | . ,       | . ,                          | . ,             |                |
| RTP15WS115L                | 115        | 60            | 1.0        | 60       | 250       | 200                          | 150             | 15'/4.6M       |
| RTP20WS115V                | 445        | 00            | 4.5        |          |           |                              |                 | 001/0.484      |
| RTP20WS115L                | 115        | 60            | 1.5        | 85       | 303       | 265                          | 208             | 20'/6.1M       |
| RTP22WS115V                | 115        | 60            | 1.85       | 100      | 550       | 500                          | 430             | 22'/6.7M       |
| RTP22WS115L                | 110        |               | 1.00       | 100      |           |                              | 430             | 2270.7W        |
| RTP24WS115V                | 115        | 60            | 2.2        | 110      | 580       | 520                          | 470             | 24'/7.3M       |
| RTP24WS115L                |            |               |            |          |           |                              |                 | -              |
| RTP15WS230V                | 230        | 50/60         | 0.6/0.45   | 60/50    | 260/250   | 230/200                      | 170/150         | 15'/4.6M       |
| RTP15WS230L<br>RTP20WS230V |            |               |            |          |           |                              |                 |                |
| RTP20WS230V                | 230        | 50/60         | 0.7/0.55   | 85/75    | 260/303   | 230/265                      | 180/208         | 17'/5.2M       |
| RTP22WS230V                |            |               |            |          |           |                              |                 |                |
| RTP22WS230L                | 230        | 50/60         | 1.2/1.0    | 115/100  | 500/550   | 460/500                      | 400/430         | 22'/6.7M       |
| RTP24WS230V                | 000        | 50/00         | 4.0/4.4    | 405/440  | F20/F00   | 400/500                      | 400/476         | 0.41/7.014     |
| RTP24WS230L                | 230        | 50/60         | 1.3/1.1    | 125/110  | 530/580   | 480/520                      | 420/470         | 24'/7.3M       |



#### Mute Tank

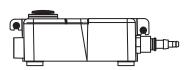
Silent and compact condensate draining pump, perfect for installation on air conditioning units with limited space inside. The small size, the easy installation and the low noise level make it suitable for installations in all places. The pump is designed for power and alarm cable and supplied with tank ventilation pipe, double-sided tape to fix the pump-tank, pump-split connection pipe, tank and 6x9 mm pump-tank connecting pipe. For the flow pipe use the standard 6x9 mm hose (not supplied as standard equipment).





2. PLACE IN DRIP TRAY





#### Mute Tank-40

| Technical Data                       |                       |
|--------------------------------------|-----------------------|
| Power supply: 100-240V AC 50/60Hz<4W | Discharge tube: 6mmID |
| Max.flow: 40 L/h @ 0 head            | Class: II appliance   |
| Sound level: <19dB(A) @ 1m           | Rated: continuous     |
| Max.recommended head: 20m            | IP Protection: IPX7   |
| Max.unit output: 46kw/157000Btu/h    | Thermal protection: √ |
| Safety switch: 3A Normally closed    | Fully potted: √       |
| Max.water temperature: 70 °C         | LxWxH:155mmx69mmx60mm |
| Tank capacity: 260ml                 |                       |

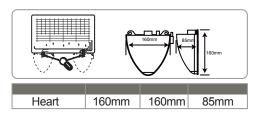
#### Mute Tank-20

| Technical Data                       |                       |
|--------------------------------------|-----------------------|
| Power supply: 100-240V AC 50/60Hz<4W | Discharge tube: 6mmlD |
| Max.flow: 20 L/h @ 0 head            | Class: Il appliance   |
| Sound level: <19dB(A) @ 1m           | Rated: continuous     |
| Max.recommended head: 20m            | IP Protection: IPX7   |
| Max.unit output: 28kw/95550Btu/h     | Thermal protection: √ |
| Safety switch: 3A Normally closed    | Fully potted: √       |
| Max.water temperature: 70 °C         | LxWxH:155mmx69mmx60mm |
| Tank capacity: 260ml                 |                       |



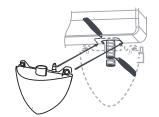
#### **Heart Box**

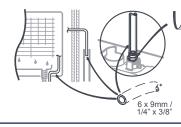
Heart pump for aesthetic installation under the split inside, complete with power cable and internal reservoir with 300ml overflow



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#### Heart Box - 20

| Technical Data                    |                        |
|-----------------------------------|------------------------|
| Power supply: 100-240V AC 50/60Hz | Discharge tube: 6mmID  |
| Max.flow: 20L/h @ 0 head          | Class: II appliance    |
| Sound level: <19dB(A) @ 1m        | Rated: Continuous      |
| Max.recommended head: 20m         | IP Protection: IPX1    |
| Max.unit output: 28kw/95550Btu/h  | Thermal protection: √  |
| Safety switch: 3A Normally closed | Fully potted: √        |
| Tank capacity: 300ml              | LxWxH:160mmx160mmx85mm |
| Max.water temperature: 70 ℃       |                        |

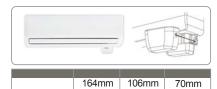
#### Heart Box - 40

| Technical Data                    |                        |
|-----------------------------------|------------------------|
| Power supply: 100-240V AC 50/60Hz | Discharge tube: 6mmlD  |
| Max.flow: 40L/h @ 0 head          | Class: II appliance    |
| Sound level: <19dB(A) @ 1m        | Rated: Continuous      |
| Max.recommended head: 20m         | IP Protection: IPX1    |
| Max.unit output: 46kw/157000Btu/h | Thermal protection: √  |
| Safety switch: 3A Normally closed | Fully potted: √        |
| Tank capacity: 300ml              | LxWxH:160mmx160mmx85mm |
| Max.water temperature: 70°C       |                        |

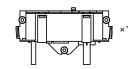


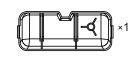
#### Mute Wedge

Mute wedge pump for aesthetic and silent installation under the internal split. Complete with alarm cable and power supply for integratd reservoir with 230 ml overflow









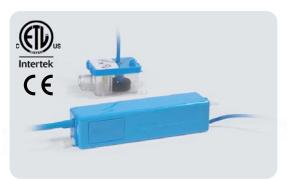




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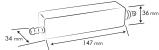
| Technical Data                    |                               |
|-----------------------------------|-------------------------------|
| Power supply: 100-240V AC 50/60Hz | Discharge tube:6mmID          |
| Max.flow: 20L/h @ 0 head          | Class: Il appliance           |
| Sound level: <19dB(A) @ 1m        | Rated: continuous             |
| Max.recommended head: 20m         | IP Protection: IPX5           |
| Max.unit output: 28kw/95550Btu/h  | Thermal protection: √         |
| Tank capacity: 230ml              | Fully potted: √               |
| Safety switch: 3A Normally closed | L x W x H:164mm x 70mm x102mm |
| Max.water temperature:70 ℃        |                               |

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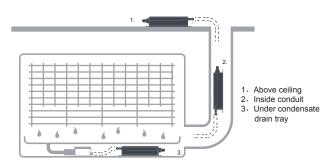


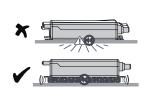
#### Mute Box

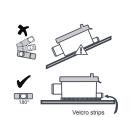
Silent and compact condensate draining pump, perfect for installation on air conditioning units with limited space inside. The small size, the easy installation and the low noise level make it suitable for installations in all places. The pump is designed for power and alarm cable and supplied with tank ventilation pipe, double-sided tape to fix the pump-tank, pump-split connection pipe, tank and 6x9 mm pump-tank connecting pipe. For the flow pipe use the standard 6x9 mm hose (not supplied as standard equipment).











| Technical Data                    |                        |
|-----------------------------------|------------------------|
| Power supply: 100-240V AC 50/60Hz | Discharge tube: 6mmlD  |
| Max.flow: 22L/h @ 0 head          | Class: II appliance    |
| Sound level: <19dB(A) @ 1m        | Rated: continuous      |
| Max.recommended head: 20m         | IP Protection: IPX5    |
| Max.unit output: 28kw/95550Btu/h  | Thermal protection: √  |
| Safety switch: 3A Normally closed | Fully potted: √        |
| Max.water temperature: 70°C       | LxWxH: 185mmx36mmx34mm |
| Tank capacity: 40ml               |                        |



#### Slim Box

Silent and compact condensate draining pump, perfect for installation on air conditioning units with limited space inside. The small size, the easy installation and the low noise level make it suitable for installations in all places. The pump is designed for power and alarm cable and supplied with tank ventilation pipe, double-sided tape to fix the pump-tank, pump-split connection pipe, tank and 6x9 mm pump-tank connecting pipe. For the flow pipe use the standard 6x9 mm hose (not supplied as standard equipment).







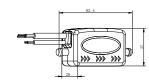
| Technical Data                    |                        |
|-----------------------------------|------------------------|
| Power supply: 230V AC 50/60Hz     | Discharge tube: 6mmlD  |
| Max.flow: 15L/h @ 0 head          | Class: Il appliance    |
| Sound level: <19dB(A) @ 1m        | Rated: Non continuous  |
| Max.recommended head: 12m         | IP Protection: IPX5    |
| Max.unit output: 16kw/54600Btu/h  | Thermal protection: √  |
| Safety switch: 3A Normally closed | Fully potted: √        |
| Max.water temperature: 40 °C      | LxWxH: 150mmx29mmx29mm |
| Tank capacity: 40ml               |                        |

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#### Easy Box

New R&D is the smallest in the world, the easy box leads the way in innovation.

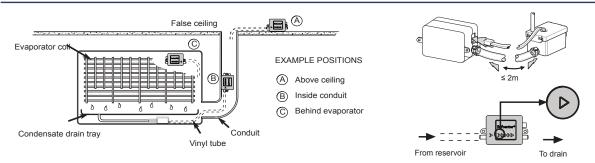


| Technical Data                    |                         |
|-----------------------------------|-------------------------|
| Power supply: 230V AC 50/60Hz     | Discharge tube: 6mmID   |
| Max.flow: 15L/h @ 0 head          | Class: II appliance     |
| Sound level: <19dB(A) @ 1m        | Rated: Non continuous   |
| Max.recommended head: 12m         | IP Protection: IPX5     |
| Max.unit output: 16kw/54600Btu/h  | Thermal protection: √   |
| Safety switch: 3A Normally closed | Fully potted: √         |
| Max.water temperature: 40 °C      | LxWxH: 82.4mmx28mmx37mm |
| Tank capacity: 40ml               |                         |



#### Mini Box

The mini box is a very compact pump that we have introduced, a variety of installation methods, simple and practical, ultra-quiet working mode gives a very comfortable feeling



| Technical Data                    |                       |
|-----------------------------------|-----------------------|
| Power supply: 230V AC 50/60Hz     | Discharge tube: 6mmlD |
| Max.flow: 15L/h @ 0 head          | Class: II appliance   |
| Sound level: <19dB(A) @ 1m        | Rated: Non continuous |
| Max.recommended head: 12m         | IP Protection: IPX1   |
| Max.unit output: 16kw/54600Btu/h  | Thermal protection: √ |
| Safety switch: 3A Normally closed | Fully potted: √       |
| Max.water temperature: 40 ℃       | LxWxH: 90mmx52mmx32mm |
| Tank capacity: 40ml               |                       |



#### Maxi Box

Maxi box is an upgraded version of mini box, mini appearance, a variety of installation methods, simple and practical, ultra-quiet working mode gives a very comfortable feeling

| Discharge tube: 6mmID  |   |
|------------------------|---|
| Class: Il appliance    |   |
| Rated: Non continuous  |   |
| IP Protection: IPX1    |   |
| Thermal protection: √  |   |
| Fully potted: √        |   |
| LxWxH: 100mmx58mmx44mm |   |
|                        |   |
|                        | Class: II appliance Rated: Non continuous IP Protection: IPX1 Thermal protection: √ Fully potted: √ |



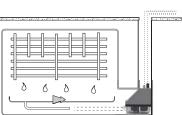
#### **Mute Corner**

Designed around a 'total system approach' and includes many features to create a truly silent system. Perfect for offices and meeting rooms.

#### **FEATURES**

Anti-vibration damper Pump sits in trunking elbow Left or right install **SUITABILITY** Up to 16kW / 54,000Btu/h

High wall split systems



#### Mute Corner - 40

| Technical Data                    |                       |  |
|-----------------------------------|-----------------------|--|
| Power supply: 100-240V AC 50/60Hz | Tank capacity: 65ml   |  |
| Max.flow: 40L/h @ 0 head          | Discharge tube: 6mmID |  |
| Sound level: <19dB(A) @ 1m        | Class: II appliance   |  |
| Max.recommended head: 20m         | Rated: continuous     |  |
| Max.unit output: 46kw/157000Btu/h | IP Protection: IPX5   |  |
| Safety switch: 3A Normally closed | Thermal protection: √ |  |
| Max.water temperature: 70°C       | Fully potted: √       |  |

#### Mute Corner - 20

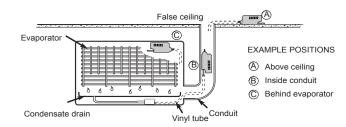
| Technical Data                    |                       |  |
|-----------------------------------|-----------------------|--|
| Power supply: 100-240V AC 50/60Hz | Tank capacity: 65ml   |  |
| Max.flow: 20L/h @ 0 head          | Discharge tube: 6mmID |  |
| Sound level: <19dB(A) @ 1m        | Class: Il appliance   |  |
| Max.recommended head: 20m         | Rated: continuous     |  |
| Max.unit output: 28kw/95550Btu/h  | IP Protection: IPX5   |  |
| Safety switch: 3A Normally closed | Thermal protection: √ |  |
| Max.water temperature: 70 ℃       | Fully potted: √       |  |

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#### **MPC**

Mpc pump is the best selling mini pump offers unrivalled reliability and performance

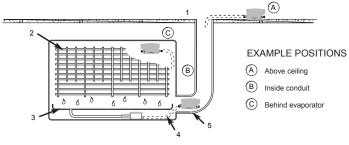


| Technical Data                   |                       |
|----------------------------------|-----------------------|
| Power supply: 230V AC 50/60Hz    | Discharge tube:6mmID  |
| Max.flow:10L/h @ 0 head          | Class: Il appliance   |
| Sound level:<21dB(A) @ 1m        | Rated:non continuous  |
| Tank capacity:40ml               | IP Protection:IPX1    |
| Max.recommended head:10m         | Thermal protection:√  |
| Max.unit output:16kw/54600Btu/h  | Fully potted:√        |
| Safety switch:3A Normally closed | LxWxH:130mmx50mmx40mm |
| Max water temperature:40 °C      |                       |



#### MAX

Designed for larger units, the Max pump gives you the extra power when you need it.



| Technical Data                   |                             |
|----------------------------------|-----------------------------|
| Power supply: 230V AC 50/60Hz    | Max.water temperature:40 °C |
| Max.flow:38L/h @ 0 head          | Discharge tube:6mmID        |
| Sound level:<21dB(A) @ 1m        | Class: II appliance         |
| Tank capacity:40ml               | Rated:continuous            |
| Max.recommended head:12m         | IP Protection:IPX1          |
| Max.unit output:46kw/157000Btu/h | Thermal protection:√        |
| Safety switch:3A Normally closed | Fully potted:√              |
| Able to drain water by siphoning | LxWxH:110mmx60mmx45mm       |

#### Accessories

#### Inline Reservior



|--|

Anti-Siphon Joint



Features

Assembled inline reservoir could include a. lid & sensor cable

- b. float
- c. filter d. reservoir

Prevent siphon; suitable for pump MUTE series

Adaptors / Straight Connectors

#### Pump Float



Characteristic Compatible with all most pumps

#### Inlet Filter



Characteristic Prevent dirt entering the pump directly

#### Inlet Hose



Characteristic

Length: as per request

#### Fast Clip



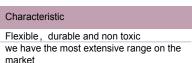


Clips onto the fixed rail inside ducts

Characteristic

#### Vinyl Tubing







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#### Float switch



| Characteristic        |                    |
|-----------------------|--------------------|
| Model                 | FS1                |
| Max Contac Rating     | 50W/70VA           |
| Max Switch Voltage    | AC300V/DC350V      |
| Min Breakdown Voltage | DC600V             |
| Max Switch Current    | AC0.5A/DC0.7A      |
| Max Carry Current     | 2.5A               |
| Size                  | 3.09"x 2.1" x2.08" |

#### ON guard



| Model:   | OG-G1                                    |   |
|----------|--|---|
| When wat | er is present a Piezo alarm is activated |   |
| andpower | by a 9-volt battery.                     |   |
| The OG-0 | 1 is to make alarm when water is present | í |

powered by a 9-volt battery. It works for hot water heater pans, behind washing

machines, under sinks, in bathrooms, etc

## Revolution Wet Cycle Rotor Switch



| Characte | eristic |  |
|----------|---------|--|
| Model:   | WCS-01  |  |

#### Float switch



#### FS2

#### Characteristic

| Model                 | FS2           |
|-----------------------|---------------|
| Max Contac Rating     | 50W/70VA      |
| Max Switch Voltage    | AC300V/DC350V |
| Min Breakdown Voltage | DC600V        |
| Max Switch Current    | AC0.5A/DC0.7A |
| Max Carry Current     | 2.5A          |
|                       |               |

FS3



| Model                 | FS3           |
|-----------------------|---------------|
| Max Contac Rating     | 50W/70VA      |
| Max Switch Voltage    | AC300V/DC350V |
| Min Breakdown Voltage | DC600V        |
| Max Switch Current    | AC0.5A/DC0.7A |
| Max Carry Current     | 2.5A          |
| Max Carry Current     | Z.3A          |

Detects clogged A/C condensate drains and shuts off the system. Steel mounting bracket clips firmly over the edge of most drain pans. Slim profile can be installed on primary or auxiliary

Detects clogged A/C condensate drains and shuts off the system Inline, low voltage condensate

drain or can be plugged on auxilliary pans. Pre-wired

Float Switch model Fs2 can be installed horizontally or vertically, inline or on the primary pan's auxiliary drain outlet by using the included 3/4" adapter, bushing and cap, it can be installed on a sloping line and does not need to be level or plumb. The switch and cap on the FS2 are easily removed for cleaning

overflow shutoff switch. Install vertically or

and for servicing condensate drain lines.

horizontally in primary

with 60inch, 20AWG wires.

Slim profile can be installed on primary or auxiliary drain pans.

Pre-wired with 60inch, 20AWG wires.

### Clear trap kit



#### Characteristic

1" Standard Switched Cross Trap Kit offers the most comprehensive range of tranparent condensate traps available in a variety of styles for many applications. This thinner walled trap can be used for light duty applications and is our most economical option.

#### CTK2

drain pans.

3/4" Standard Switched Cross Trap Kit Suitable for many applications, the Clear Trap line offers the most comprehensive range of transparent condensate traps with float switch overflow protection. This trap can be used for most applications requiring a automatic shut down. Includes a standard clear u-bend for inspection and access ports for easy

#### Vacuum pump



#### **SVPA**

The pump has reasonable design, safe and reliable, high pumping speed, ultimate vacuum height, low noise, no fuel injection, no oil leakage, convenient maintenance and beautiful appearance.

#### **SVPB**



#### Single stage vacuum pump

| Model                       | SVP-2       | SVP-3       | SVP-4       | SVP-6       | SVP-8       | SVP-10      | SVP-12      |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Frequency(Hz)               | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       |
| Flow Rate(CFM)              | 1.5 1.8     | 2.5 3.0     | 3.0 3.6     | 4.5 5.5     | 6.5 7.5     | 8.0 9.5     | 10 12       |
| (l/min)                     | 42 50       | 70 85       | 85 100      | 128 156     | 185 212     | 226 270     | 283 340     |
| Ultimate Vacuum<br>(micron) | 150         | 150         | 150         | 150         | 150         | 150         | 150         |
| Motor Power(HP)             | 1/4         | 1/4         | 1/3         | 1/3         | 1/2         | 3/4         | 1           |
| Oil Capacity(ml)            | 430         | 400         | 400         | 450         | 480         | 730         | 730         |
| Net Weight(kg)              | 4.6         | 5.7         | 5.8         | 8.2         | 8.3         | 11          | 11          |
| Dimensions(mm)              | 290x125x235 | 290x125x235 | 290x125x235 | 350x135x235 | 325x135x250 | 360x155x270 | 360x155x270 |

#### Dual stage vacuum pump

| Model            | 2SVP-2      | 2SVP-3      | 2SVP-4      | 2SVP-6      | 2SVP-8      | 2SVP-10     | 2SVP-12     |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Frequency(Hz)    | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       | 50 60       |
| Flow Rate(CFM)   | 1.5 1.8     | 2.5 3.0     | 3.0 3.6     | 4.5 5.5     | 6.5 7.5     | 8.0 9.5     | 10 12       |
| (l/min)          | 42 50       | 70 85       | 85 100      | 128 156     | 185 212     | 226 270     | 283 340     |
| Ultimate Vacuum  | 150         | 150         | 150         | 150         | 150         | 150         | 150         |
| (micron)         | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| Motor Power(HP)  | 1/3         | 1/3         | 3/4         | 1           | 3/4         | 4/3         | 3/2         |
| Oil Capacity(ml) | 430         | 400         | 400         | 450         | 480         | 730         | 600         |
| Net Weight(kg)   | 6.12        | 6.5         | 9.0         | 8.82        | 13.7        | 13.9        | 13.9        |
| Dimensions(mm)   | 290x125x235 | 290x125x235 | 325x135x250 | 325x155x270 | 360x155x270 | 360x155x270 | 360x155x270 |

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