Super-Air

SUPER TRAP™

Motorized Ball Valve type
Zero Air Loss Condensate Drain

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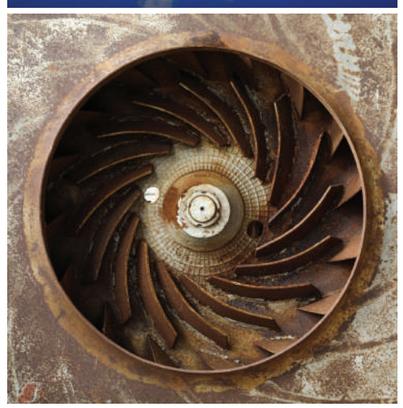
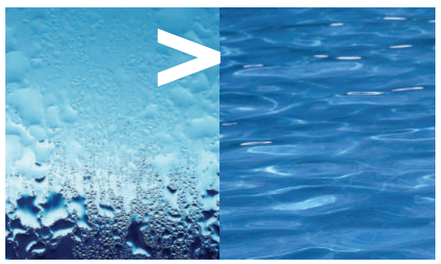


Super Air Compressor Technology Co., Ltd.

Located in Taiwan and started the business based on technical service support for compressed air systems in 1988. Super Air aim to provide customized solutions for our customers' various compressed air problems and to strive for excellence in our operations. In addition, we are committed the development and manufacturing of energy saving equipment related to compressed air systems.

With a view to promote industrial sustainable development and implement the concept of green production, we developed our Super Trap™ Condensate Drain with revolutionary automatic ball valve control, which is a landmark product of our efforts in the promotion of green production.



We use stainless steel as main part of condensate drain in order to provide comprehensive protection, reduce corrosion effect and extend the operating life.

Business philosophy | √ Professional Dedication √ Energy Saving √ Sustainable Development √ Leading Innovation

Mission | Provide the best energy -saving solutions of compressed air system

Vision | Become the best Industrial partner of energy-efficient compressed air system

An Important Factor Affecting Quality and Profitability - Condensate in Pneumatic System

Condensate in any pneumatic circuits causes rust and coated surface shedding of the equipment. Consequently, we will have rough surfaces and particles accumulation. The humidity in the system is over 40%, the equipment will have rust. The wear speed and breakdown frequency also increase. These will severely impact the profitability of the operation.

Problems of Other Drainage Devices:

- Clogging easily
- Complicated operation
- Winding water discharge channel
- Small water piping
- Many parts and complicated mechanical movement required
- Moving parts working in the condensate

Certificate& Patent

Our Strength and Advantages:

- Dustproof and Waterproof Design
- Stainless steel tank
- Buttons for manual test and water emission
- No loss of compressed air to save energy costs
- No diaphragm required: more costs saved
- Remote monitoring available: safe and reliable
- Big diameter discharge channel: no clogging
- Air pressure not needed for water drainage: workable during down time
- Straight discharge route provide efficient emission of particles with water

Compressed Air: Resources Should not be Wasted

Compressed air is not free. Air is everywhere, inexhaustible, and completely free in our daily lives. However, after being compressed by a compressor, the compressed air needs to go through purification, storage, and transportation processes to become usable compressed air. This process requires an investment in air compression equipment and consumes valuable energy. Due to the extremely low energy conversion efficiency, compressed air is by no means free. In fact, it is a very expensive resource of in today's factories.

1 Energy Saving

Zero air loss = saving energy

2 High Efficiency

Large drainage volume means low frequency of mechanical movements, resulting in longer product life span.

3 Reliable

No moving parts inside the water tank. Fewer parts mean fewer repair issues.

4 Safe

Clogging and overload alarms may be connected to remote monitoring system to ensure operation safety.

Big Water Discharge Channel

Ball valve water discharge channel is 10mm in diameter. This is the biggest in the industry. Even the chips in the pneumatic system can ejected easily without the use of Y shaped filters. Super Trap™ is your best condensate solution !

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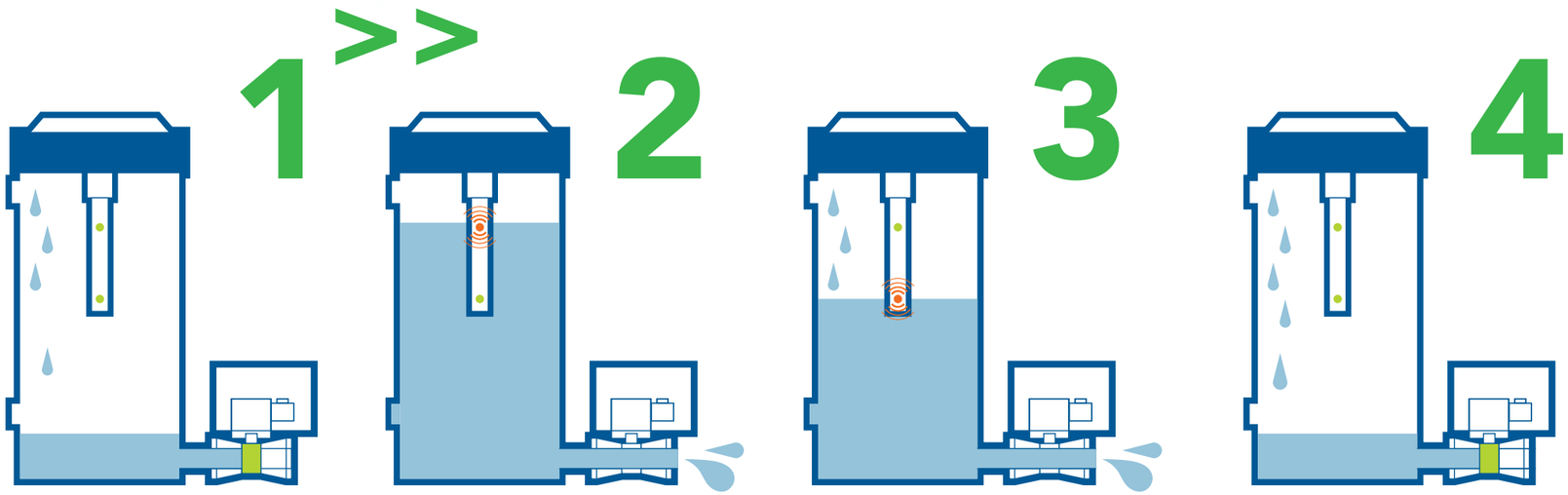
Drainage schematic



Condensate flows into the Super Trap and the water level rises.

Sensor detects high water level and discharges condensate by opening the ball valve automatically.

Sensor signals the valve to close when condensate discharged down to low water level.

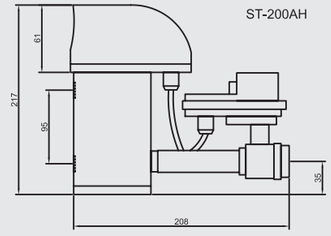
Water Seal prevents air leakage when the valve closed.

*Climate, equipment efficiency, installation and the rest of conditions will be the key affect that how much the condensate emerged. Please contact us or distributor nearby to find out suitable one for you.

Super-Trap Series

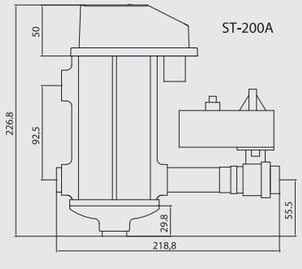
ST-200AH(45 Bar)

Working Bar	0-45
Inlet (inch)	½
Outlet (inch)	½
Voltage AC (V)	110/220
Weight (Kg)	1.5
Compressor (M^3/Min)(Max)	30
Dryer (M^3/Min) (Max)	60
Filter (M^3/Min) (Max)	300



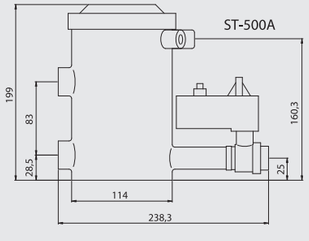
ST-200A

Working Bar	0-16
Inlet (inch)	½
Outlet (inch)	½
Voltage AC (V)	110/220
Weight (Kg)	1.5
Compressor (M^3/Min)(Max)	30
Dryer (M^3/Min) (Max)	60
Filter (M^3/Min) (Max)	300



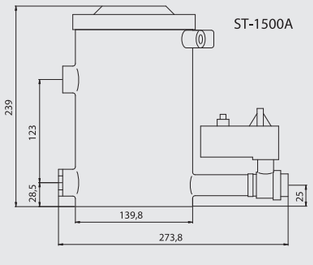
ST-500A

Working Bar	0-16
Inlet (inch)	¾
Outlet (inch)	½
Voltage AC (V)	110/220
Weight (Kg)	3.5
Compressor (M^3/Min)(Max)	95
Dryer (M^3/Min) (Max)	190
Filter (M^3/Min) (Max)	1000



ST-1500A

Working Bar	0-16
Inlet (inch)	¾
Outlet (inch)	½
Voltage AC (V)	110/220
Weight (Kg)	4.5
Compressor (M^3/Min)(Max)	300
Dryer (M^3/Min) (Max)	600
Filter (M^3/Min) (Max)	3000



ST-3500A

Working Bar	0-16
Inlet (inch)	1
Outlet (inch)	½
Voltage AC (V)	110/220
Weight (Kg)	8
Compressor (M^3/Min)(Max)	700
Dryer (M^3/Min) (Max)	1400
Filter (M^3/Min) (Max)	7000