

Automatic Drain Valve

Auto drain valves are used to remove accumulated water particles from the air line equipments. ANNAIR has developed different varieties of auto drain valves with respect to the application and ease of operation.

- Dual timer, solenoid operated
- Single timer, solenoid operated
- Zero air loss / float type
- High pressure (40 Bar) Drain valve
- High discharge, pilot air operated



Moisture Separator

Cent star series moisture separator is used for removing bulk water from the compressed air line.

- No electricity is used
- Can mount inline
- Particle separation by centrifugal action
- No replacement of cartridges over the period



After Cooler

Annair offers air cooled & water cooled Type After coolers. After coolers are installed after air compressor and primary objective of this to reduce the line temperature. flow capacity available from 20 CFM to 2000 CFM

Water cooled after cooler :- Water cooled after coolers are generously sized with counter flow arrangement for effective cooling. The air is cooled down to a temperature which can be as little as 5°C to 10°C above the water inlet temperature. Liquid condensate is created and efficiently removed by the separator installed at the cooler outlet. Vertical & horizontal types are available as per requirement.



Air Cooled After cooler :- Air cooled type can be used where ever cooling water is not available. The air is cooled down to a temperature which can be as little as 5°C to 20°C above the atmospheric temperature. Liquid condensate is created and efficiently removed by the separator installed at the cooler outlet.

Who we are

ANNAIR CONTROLS, Mumbai is a solution provider for compressed air treatment & industrial cooling. We have wide range of innovative, most modern and technology driven products for instrumentation and process air quality purposes. We are a team of self driven, result oriented technocrats working in the field of compressed air treatment for last 15 to 20 years. We are capable to provide customized solution instantly for each and every problem related to Air quality.

ANNAIR products are compatible with most of the world-renowned compressor brands and local brands, and technically designed to suit tropical climate. ANNAIR Dryers & Chillers have been performing excellently already at over 1000 installations for the last 7 Years in India and abroad in various industrial sectors e.g., Foods & Beverages, Pharmaceuticals, Automotive, cement, chemical, manufacturing etc.

What we do

Customer satisfaction Is the face value of our organization; we will categorize our operations into two parts.

Standard Products

- Refrigerated Air Dryer
- Heatless Air Dryer
- Micro Filters
- Moisture Separators / Extractors
- Auto drain valves:- Timer operated & Float Type
- Air receivers
- Water Chiller

Customized solution to compressed air:- Air pressure, Flow & Quality of air

- Optimization of total air consumption in a plant with respect to Flow, Pressure & air quality
- Solutions for empowerment of above entities in an existing setup.
- Physical inspection and maintenance of existing, troublesome air treatment components

Authorised Dealer:

ANNAIR®



ANNAIR CONTROLS

(An ISO 9001 : 2008 certified company)



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Refrigerated Air Dryer

Silver Star

ANNAIR has developed an innovative range of air dryer series called Silver Star. This high efficiently cooling module has a direct effect on reducing energy consumption & pressure drop. The main Features are :

- Tube in tube type evaporator
- CFC free, Eco friendly refrigerant used in system.
- The precise & accurate Hot gas By Pass Valve, which prevents the formation of ice inside the evaporator.
- The high efficiency condensate separator is located within the heat exchanger module.
- No maintenance is required and gives a high degree of moisture separation.
- Compact design, requires less floor space
- Range from 15 CFM, Capable to work up to inlet air temperature of 60°C



Gold Star

ANNAIR has developed another most efficient range of air dryer series called Gold Star. This high efficient Dryer module can deliver constant dew point at varying load conditions. Main features are :

- Tube in tube type evaporator
- Hot gas by pass valve with precise mechanical adjustment for constant dew point
- Built with system protectors for electrical & refrigeration systems
- CFC free, eco friendly refrigerant used. Automatic operation, user friendly & compact size.
- Low power consumption
- Compact design, requires less floor space, Micro processor as option
- Range from 300 CFM to 2000 CFM capable to work up to air temperature of 55°C



Platinum Star (High Pressure)

Platinum Star series high pressure air dryers are suitable for Pet blowing applications :

- Tube in tube type evaporator
- CFC free, Eco friendly refrigerant used in system.
- The precise & accurate Hot gas By Pass Valve, which prevents the formation of ice inside the evaporator.
- The high efficiency condensate separator is located within the heat exchanger module.
- No maintenance is required and gives a high degree of moisture separation.
- Compact design, requires less floor space
- Range from 15 CFM, Capable to work up to inlet air temperature of 60°C



Heatless Air Dryer

Silver Line

These dryers are used for instrumentation and process applications as well. Some applications are, CNC machines, CMM machines, Spray painting, Nitrogen generators, laboratory air & gas applications, powder coating, etc...

- Dew point achieved - 40° C
- Compact and can be mounted on wall
- Low power consumption
- Light weight Aluminum construction, no rusting
- Specially graded desiccants for optimum performance
- Equipped with pre filter & Internal post filter.
- Quality as per ISO 8573.1 class 3
- Range from 5 CFM to 40 CFM



Water Chiller

ANNAIR water chillers are designed for cooling of process equipments, parts and media in various industries like plastic moulding, PET blowing, CNC machines, water treatment, Packaging machinery etc...

Main features are :

- Skid mounted, compact & ready to install
- Fully automatic with controls of reputed brands
- Different options available for cooling module
- Liberally sized fan and high efficiency Fin & tube condensers
- Stainless steel storage tank and internals are available
- Digital temp. indicator for precise operation
- High pressure & volume pumps suitable for round the clock operation



Micro Filter

ANF Series is the latest filters designed by ANNAIR with a capability of withstanding air temperature upto 90° C. It can remove dust, moisture, rust scales & oil particles from compressed air.

- Flow Rages from 15 CFM to 2500 CFM
- 1µ, 5µ, 0.01µ & activated Carbon filters
- Borosilicate Fiber glass filtration media
- Coalescing elements covered with hydrophobic material
- Aluminum die cast body upto 350 CFM
- MS Construction with multiple element for higher flow capacities
- Models are available for 16 Bar & 45 Bar range
- Auto drains & DP gauges are optional

