

Screw Chiller

We offer a comprehensive range of Screw Chillers includes Air Cooled Screw Chiller and Water Cooled Screw Chiller. These Chillers are energy efficient and robust in construction and are developed with latest technology. They include optimized screw compressor, highly efficient DX cooler, condenser, highly efficient copper tubes are also incorporated in the chiller. The units have a very low input kW/TR and are tested in our state-of-the-art test lab to validate the performance. These Chillers are energy efficient and robust in construction and are developed with latest technology. They include optimized screw compressor, highly efficient DX cooler, condenser, highly efficient copper tubes are also incorporated in the chiller. The units have a very low input kW/TR and are tested in our state-of-the-art test lab to validate the performance.

Screw Chiller



Screw Chiller We are engaged in offering our clients a wide gamut of Screw Chiller that is best known for its quality. Our range meets international quality standards and perform efficiently under heavy loads. Our chillers are comprised with Automatic Capacity Control System and Screw Compressors with Single and Twin Screw arrangements and with required fittings. These chillers are available with variety of Low / Medium temperature range. Moreover, these are available Screw Chiller We are engaged in offering our clients a wide gamut of Screw Chiller that is best known for its quality. Our range meets international quality standards and perform efficiently under heavy loads. Our chillers are comprised with Automatic Capacity Control System and Screw Compressors with Single and Twin Screw arrangements and with required fittings. These chillers are available with variety of Low / Medium temperature range. Moreover, these are available with various specifications and capacities as per the needs and demands of the clients. These chillers are available with variety of Low / Medium temperature range. Moreover, these are available with various specifications and capacities as per the needs and demands of the clients.

Air Cooled Screw Chiller



Air Cooled Screw Chiller Description

We offer Air cooled Screw Chillers that are manufactured with high quality raw material to meet international quality standards. The chillers are designed for ambient temperatures of upto +50 degree centigrade. The fluid temperatures can go down to -30 degree centigrade. The range of capacities start from 175 kW to 1575 kW.

Specification :

Chiller

- T1-R22: 176~1596kW; CO&HP;
- T1-R407c: 162~1506kW; CO&HP;
- T3-R134a: 179~1173kW; CO&HP

Airtech make air cooled chiller use high efficiency semi-hermetic screw compressor

It can realize 4 steps or stepless capacity control. The unique squirrel cage compressor motor started up by Y type can decrease start current by 33%, automatically cooled by the refrigerant.

Airtech make air cooled chiller use high efficiency air side heat exchanger

Unique M-shaped design, inner grooved & patent sawtooth design and hydrophilic aluminum fin guarantee efficient heat exchange between the air side exchanger and ambient air.

Airtech Make air cooled chiller use shell & tube heat exchanger

Self-cleaning, high intensity, anti-shaking design and heat insulation covering material ensure shell & tube heat exchanger unstained, reliable, quiet, highly efficient.

Airtech make air cooled chiller equipped with complete protection

Water shortage protection, high/low voltage protection, anti-freezing protection, overload protection, overheat protection and oil level protection ensure high reliability and stability.

Water Cooled Screw Chiller



Water Cooled Screw Chiller Description

We are involved in offering a quality range of water cooled screw chillers that is best known for its optimum performance. These chillers are designed and developed by experts to meet international quality norms. The fluid temperatures can go down to -45 degree centigrade. The range of capacities start from 175 kW to 1840 kW. Our clients can avail these chillers within a stipulated time frame and at industry's best prices.

Specification :

Water Cooled Screw Chiller

Cooling only

- R22: 151~3833kW, Dry Type
- R22: 306~4191kW, Flooded Type
- R134a: 212~2865kW, Flooded Type

Airtech make water cooled chiller features as high efficiency compressor

Advanced twin screws compressor with optimum structure can realize automatic stepless or 4 steps capacity control to achieve high efficiency. Running noise is low thanks to low friction area inside the compressor. The compressor has a long lifetime profiting from high performance of interior oil segregator.

Airtech make water cooled chiller features as multiple control functions

Distant control function; Multiple operation control function: Cooling, self-diagnostic, manual changeover; Record the malfunction query function; User-friendly operation touch controller; Intelligent control compatible with most communication.

Airtech make water cooled chiller features as complete protections ensure high reliability and stability Network communication.