

Stainless Steel Control Panel With Rain Hood

For extended life in outdoor operation. PLC control provides optimised performance, based on ambient temperature and cooling load. Touchscreen HMI. Remote access and condition based monitoring are available through broadband.



Variable Speed Fans

EC variable speed fans for low fan power and improved air flow.

Flatbed Condenser

Stainless steel tube condenser for long life. Full perimeter maintenance access.

Stainless Steel Pipework

Stainless steel piping for long life and leak tight operation.

Condenser Cleaning Hatches

Improves serviceability.

Heat Recovery

Optional heat recovery system from ammonia hot gas for fluid heating and enhanced chiller efficiency.

Dual Pressure Relief Valves

EN13136 compliant with changeover assembly.

Twin Industrial Style Float Operated Expansion Valves

Failsafe with no chance of electronic failure.

Combined Evaporator

Fully welded plate and shell heat exchanger. High integrity design, giving low refrigerant charge and minimising risk of leakage.

Gas Detection & Ventilation

Rated to EN378-3 with sounder beacon on panel and site alarm relays.

Weatherproof Compressor Enclosure with Removable Panels

Standard Aluzinc compressor enclosures with optional enhanced acoustic treatment.

Reciprocating Compressors

Variable speed, reciprocating compressor ensuring lowest power consumption across 100 to 30% capacity range.

Single or twin compressor options available.

Drive Motor

VSD high efficiency IE3 or IE4 drive motor with flange mounting to ensure accurate alignment and reduce maintenance costs.

Insulation

Industrial standard rigid foam section insulation for low temperature pipework and vessels. Robust metal outer cladding as standard.

Optional Chiller Pumps

Optional on board cold and warm fluid pumps.

