



**CLADE**

**MAX PACK //**





## CLADE MAX PACK //

### Industrial Refrigeration

The Clade Max range is tailored to meet our customers requirements and can be adapted to service a wide range of applications, from -40 °C evaporating blast freezers to standard cold storage rooms for logistics and cold room solutions.

Based on two steel frame sizes with modular options, the range is offered in a modular configuration in order to deliver capacity's between 200kW to 1MW of duty. It can be configured as MT, LT or dual temperature. The range offers a proven alternative to ammonia for heavy commercial and industrial projects.

Max packs are supplied to the requirements of the end user, whether it be for MT, LT or Dual Temperature with duties ranging from 200kW to 1mW.



Duty range is 200kW-1mW.



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### Key benefits

- 60 or 90 bar options for liquid and suction networks
- Hot gas or electric defrost options
- De-Superheater options
- Gas cooler supply or option for procurement 'by others'
- Heat recovery and heat pump integration for space heating and hot water supplies
- Internal plant with external housing options
- PLC controls and optional primary and secondary control systems
- Safe system operation assured – secondary system available
- 4G remote support connectivity, full after sales support
- Able to accommodate various compressor brands (Emerson, Bitzer, Bock and Dorin)
- Option for multiple inverters
- Various other customisation options available

### Design overview

- R744 Plant – 'Reach in' housing integrated Gas Cooler all on single Skid
- Two Ambient's –32°C & 35°C
- Possible to use different compressor brands e.g. Bitzer, Emerson or Dorin
- Carel or RDM control – Danfoss optional
- Integrated Bitzer inverters
- 60 bar Suction
- 60 bar Liquid
- Dual PRV stations
- K65 Pipe work throughout

### Construction

- Single skid configuration
- Heavy duty welded PFC pack frames
- Reach in weatherproof housing

### Mechanical options and overview

The Clade Max Pack has been developed to optimise footprint where space is at a premium. With a range of options, the range can be configured to suit various applications, whilst maintaining a service friendly environment.

- Design pressures up-to 90 bar for liquid and suction networks
- Liquid injection feature
- Hot gas bypass feature
- LT suction accumulator
- Flash gas interchangers
- Low vibration AV mounts optional
- Backup MPV & HPV valves
- Frame lifting eyes
- Full range of liquid receiver volumes
- Three-way PRV change over valves
- Various housed options available



## CONTACT US //



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