

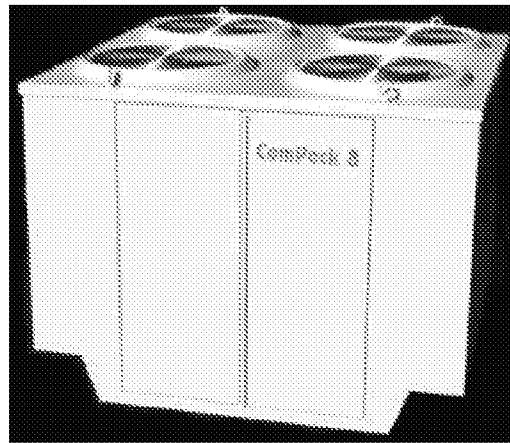
Frostpack Compack - 8

The Frostpack – Compack - 8 is a rooftop package delivered fully tested from our facility in Glasgow – ready for connection direct to pipework services. The Compack - 8 offers the benefits of reduced installation costs, shorter piping runs with fewer joints, and has the added benefits of less potential for leaks and less expansion and contraction of lines.

The Compack - 8 can be employed either as a single unit for smaller retail outlets or in multiple units for large installations.

A single Compack - 8 is ideal for outlets such as forecourts where sales space is at premium, larger stores, snack and sandwich operations, butchers and of course foodstores. A single unit will serve up to 180ft total run of frozen or chilled display, or the combined equivalent of display and storage and coldrooms.

Extremely compact, the base is only 1982 mm by 1300 mm with a height of 1620 mm to accommodate the condenser coils and fans.



COMPACT - 8, TECHNICAL SUMMARY.

Housing

Base 1982 mm x 1300 mm can be supported at each corner with A.V.A. mountings or isolation Pads.

Height is 1620 mm. All Painted metal work made from galvanised sheet steel and externally finished in a choice of powder-coated paint colours.

The housing base is designed to support the compressors and auxiliary equipment and is tanked to prevent any spillages contaminating the roof etc.

Compressors

The Compack -8 employs Scroll compressors for use with R404A refrigerant. The compressors are fully tubed complete with oil management system.

Condensers

Two condenser coils are mounted on the supports provided in the unit housing and include 3/8 coil tube configuration to keep refrigerant charge to a minimum.

The max. condenser THR is 100 KW for a 32° Ambient 10° K TD.

Fans

4 off fans selected for application operate in their own air chamber to prevent air recirculation when one is not operating.

Receiver

The package is complete with receiver, which is mounted at low level in the centre between the compressors

The receiver dia is 356 mm and 914 mm long. Pump down capacity of the receiver is 60 LTRS.

Control Panel

The control panel is mounted above the receiver and accommodates the switchgear for compressors, control, condenser fans and mains incomer. Auxiliary circuits are provided for light and power.

The control panel is ready-wired to compressors and fans.

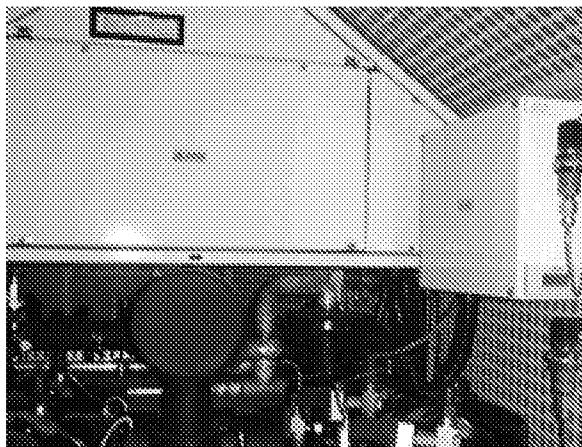
Additional Information

The weight of the largest package is 1750 KG, and it is weatherproofed with allowance for rainwater to drain through the fans to the bottom of the unit external to the compressor chamber.

The compressor chamber is acoustically lined to dampen compressor noise and vented to allow extraction of compressor heat.

Ideally, the Compack – 8 should be situated directly on the roof above the case runs.

To accommodate servicing, in poor weather conditions the access door is equipped to receive a canopy to be attached by service engineers when required.



The Compack - 8 Summary of Key Benefits

- Uses R404A refrigerant Closer coupled smaller refrigerant charge
- Central plant efficiency
- Closer coupled means less installation time
- Easy to maintain and service (less cabinet down time)
- No requirement for internal plant room.
- Lower overall installation cost.
- Low voltage control circuit

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