



COMPRESSOR RACK SEMI-HERMETIC SCREW COMPRESSOR

Hard Discount - Supermarkets - Hypermarkets
Refrigerated storage and transit stocking - Dispatch centres
Food processing

HFC

70 > 700 kW

MOVSH

- This range meets the needs and expectations of today's market in terms of reliability, efficiency and compactness.
- Various rack models with 2 to 6 screw compressors.
- Supplied with a complete switching enclosure.



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FRIGA-BOHN

HK[®] REFRIGERATION

DESCRIPTION

Compressors

- Screw compressors with part-winding start protection motors.
- Suction and delivery valves, non-return valve and capacity reduction.

Collectors

- 304L stainless steel suction collectors, low speed.
- Stainless steel delivery collectors.
- One suction filter with stainless steel sieve.
- Optional suction valve(s).

Liquid receiver

- Vertical separate from the rack.
- Inlet and outlet valves.
- Liquid indicator.
- Safety valve (double from 100 litres).

Liquid line

- Removable filter dryer.
- Operating valve.
- Liquid indicator.
- Optional liquid valve(s).

Oil circuit

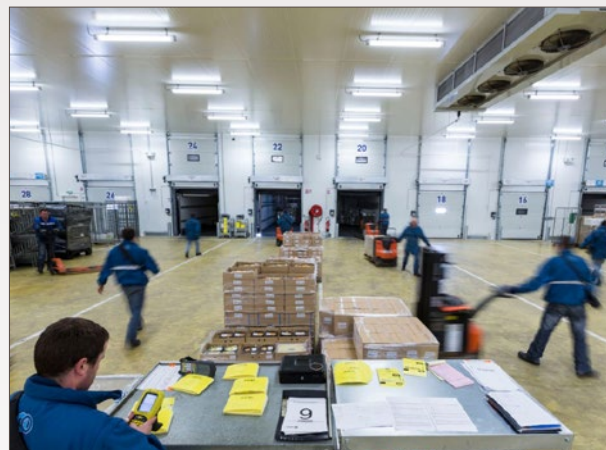
- 3-way mixing valve for homogenous thermostatic oil control.
- Oil temperature max./min. safety thermostats.
- One oil indicator per compressor.
- Oil flow monitor.
- Solenoid valve.
- Manual shut-off valve.
- High-efficiency filter.

Oil separator

- Heaters.
- Control thermostat.
- Min. oil level detector.
- Indicator, safety valve, shut-off valve, non-return valve and filling valve.

Monitoring devices

- HP and LP manometers.
- 1 or 2 automatic reset HP cartridge pressure switch(s) per compressor (according to EN 378-2: 2009).
- HP pressure switch and automatic reset LP safety switch.
- Oil temperature safety and control thermostat.
- Oil temperature display thermometer.
- Delivery temperature, flow-rate and oil level protection relay.



OPTIONS

Miscellaneous

- Air or water oil cooling.
- System saver for chill racks.
- Oversized receiver.
- Water-cooled condenser fitted.
- Heat-exchanger.
- Hot-gas defrost in all its forms.
- Switching enclosure.

CERTIFICATIONS

