

FRIGA-BOHN®

# MOVSH

Semi-hermetic screw  
compressor rack

HFC



70 - 700 kW



- # **Modular:** to best meet the needs of your application, the rack is available in models with between 1 and 6 screw compressors.
- # **Compact design** to save space.

## CONTROL DEVICES

- # HP and LP pressure gage.
- # 1 or 2 HP cartridge pressure switch(s) with automatic reset per compressor.
- # HP pressure switch and LP safety pressure switch with automatic reset.
- # Oil temperature safety and temperature control thermostat.
- # Thermometers for oil temperature reading.
- # Delivery temperature, flow rate and oil level protection relays.

## COMPRESSORS

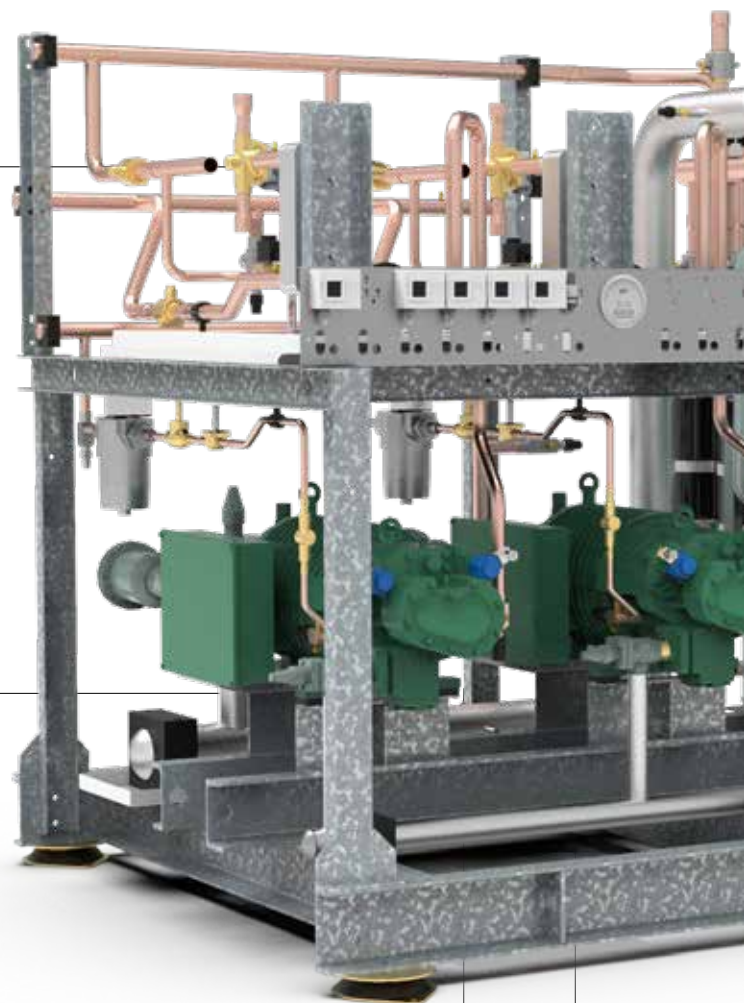
- # Screw compressors with part-winding start integral protection motor.
- # Suction and delivery valves, check valve and capacity reduction.

## FRAME

- # Monoblock made from painted U-profile hot galvanized folded sheet steel 4 mm thick.

## MANIFOLDS

- # Stainless steel 304L suction manifolds; low speed.
- # Stainless steel or copper delivery manifolds depending on diameter.
- # One suction filter per compressor with stainless steel sieve.
- # Suction valve(s) optional.



## LIQUID RECEIVER

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

## OIL CIRCUIT

- # Three-way mixing valve for uniform thermostatic oil control.
- # Minimum-maximum oil temperature safety thermostats.
- # Oil indicator per compressor.
- # Oil flow controller.
- # Solenoid valve.
- # Manual shut-off valve.
- # High efficiency filter.

## OIL SEPARATOR

- # Heaters.
- # Regulation thermostat.
- # Oil minimum level detector.
- # Indicator, safety valve, stop valve, check valve and fill valve.

## LIQUID LINE

- # Removable filter dryer.
- # Service valve.
- # Liquid indicator.

## OPTIONS

- # Oil cooling by air or water.
- # Economizer system for high temperature racks.
- # Oversized receiver.
- # Water condensation fitted.
- # Heat recovery system.
- # Hot gas defrost and all its variants.
- # Electrical cabinet.
- # Liquid valve(s).
- # Frame and compressor painted.

Do you have a specific request?  
Contact us to design the unit  
that meets your needs.

