

Preliminary evacuation systems

GV-E2M18

For pre-evacuation circuits carousels

GV-E2M18

The **GV units** are designed for pre-evacuation of refrigeration units. They are provided with pipe fittings and are ready to use. Power supply is recommended using a three-phase systems to facilitate the initial stages of the pump in the winter period.

In the suction line of the pump:

- Filter to protect the vacuum pump from liquids, such as compressor oil or moisture.
- Digital Pirani vacuum gauge with adjustable set point. Alternatively Vacuum State Indicator, with Gems for indicating the degree of vacuum detected: Green (vacuum threshold reached) and Red (vacuum threshold not reached)
- Two lines of high conductance vacuum with quick Hansen F to connect the units to be evacuated

The exhaust line of the pump can be equipped with high efficiency filter (efficiency up to 99.999% DOP test); the filter allows the recovery of the retained oil in order to drastically reduce the consumption of oil by the vacuum pump.



FT Vacuum State Indicator

⇒Green (vacuum threshold reached)

⇒Red (vacuum threshold not reached)



MVP series vacuum pumps

MP vacuum pumps are top quality and last generation pumps, very easy to use, very quiet during operation and intuitive in maintenance. All controls are clearly marked and have large finger grips for ease of use. The sight glass is clearly visible and both inlet and outlet are fitted with standard NW 25 flanges for easy connection to accessories.

Large diameter oil passages allow for easy maintenance and any filling spillage is contained by the oil box well. No special tools are needed for servicing. The high reliability and top performance of this innovative line of pumps are highly regarded in the refrigeration and A/C applications.



E2M Series vacuum pump

For pre-evacuation circuits carousels

E2M series vacuum pumps

The E2M series is the international reference point for both performance and long term reliability for vacuum pumps in the industrial installations. E2M pumps can be equipped, according to the application needs, with a very large set of accessories and are available in broad range of capacities: 18, 28, 40, 80, 175 and 275 @ 50 Hz.

In cases where very high pumping speeds are required, E2M pumps can suitably be coupled to Roots mechanical booster pumps. Other pump models are available on request.



EPS XX Expert Pumping System

Compact system for pre-evacuation, has four flexible lines vacuum, EPS is capable of processing from one to four groups simultaneously. It is designed for high-capacity production.

- working cycles including functions emptying until vacuum level assigned to be achieved within the settled time and evidence of rising pressure.
- digital indication the level of vacuum reached through active head Pirani.
- Can be connected to the sides of the high and low pressure of two independent groups, or to the different sections of the larger groups. Overall dimensions 1150x600x400 mm.
- Pumps are available with different flow rates: 16, 20, 30, 40, 80 m³ / h
- setting up to 100 different cycles can be pre-set; more on request.
- Power: 400 V - 50 Hz - 3ph + N + earth



Optional features and devices

Printer

Inlet catch pot with centring ring and clamping collar

Phase sequence relay