

# esko

## Portable Vacuum Dehydrator

*Modern high-efficiency and cost-effective operation requires clean dry oil.  
The Facor FDH-line of vacuum dehydrators stands up to and exceeds these  
demanding requirements.*



*Model FDH-960*

### Applications

- Turbine oils
- Compressor oils
- Lubricating oils

### Features

- All AISI 304 stainless steel construction
- Stand alone operation
- Viewing Port (see boiling action)
- Operates as a kidney type loop
- 5 micron filtration
- Stable operation
  - Feed Pump on inlet
  - Discharge Pump on outlet
  - Constant vacuum due to external
  - *Water supply to vacuum pump*
- VFD to control dry oil level
  - Prevents oil loss to drain
  - *Available on wheels or skid mounted*

### Ready for Installation

- The system is fully tested and cleaned before the delivery.
- All piping connections with all instruments are fully completed before the delivery. Only inlet, outlet and cooling water need to be connected at the site.
- All electrical wiring is completed and the customer needs to supply main operation and control voltages

### Proven Standard Components

All FACOR Vacuum dehydrators are manufactured using standard industrial components.

- Screw-pumps with built in pressure regulation valve
- Electrical heating elements installed in wells
- Heating element temperature control



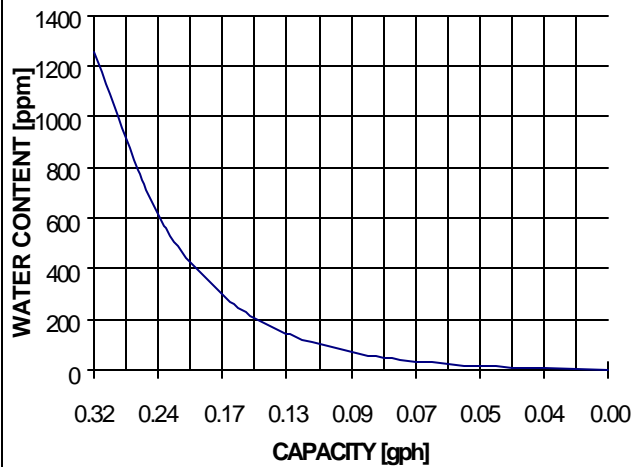
# Portable Vacuum Dehydrator

## Technical Specifications

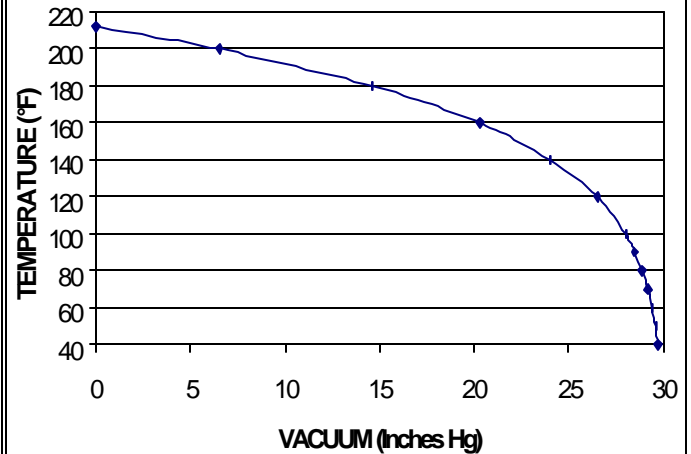
### Model FDH-960

Input power	20 kW
Electric Heaters	4 pcs
Pumping Capacity	4.2 GPM (16 LPM)
Cooling Water	0.8 GPM (3 LPM)
Drying Capacity	Dries to as low as 50 PPM
Control Enclosure	AISI 304
Vessels and Piping	AISI 304
Main Voltage	400 V 50 Hz / 440 V 60 Hz (other voltages on request)
Max Oil Temperature	175 °F (80 °C)
Feed Pump	Gear type
Discharge Pump	Screw type
Vacuum Pump	Ring type
Length	55" (1400 mm)
Width	28" (700 mm)
Height	63" (1600 mm)
Weight	570 lbs (260 kg)

**WATER REMOVAL CAPACITY  
DEHYDRATOR FDH-960**



**BOILING TEMPERATURE IN VACUUM**



Manufacturer



Distributor

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