

IFM 20 GPM DEHYDRATOR (CLASS 1, DIV 2)



PRODUCT DESCRIPTION

The 20 GPM Dehydrator is a high-efficiency water and particulate removal system, engineered to remove free, dissolved, and emulsified water from various oils, reaching levels as low as 20 PPM. Ideal for industries requiring high purity in lube, hydraulic, and gear oils, this system uses advanced filtration technology to achieve superior cleanliness and reliability.

KEY FEATURES

HIGH-EFFICIENCY VACUUM PUMP

- Dry claw style with 43 CFM for optimal water extraction and reduced maintenance.

ADJUSTABLE SPEED CONTROL

- VFD allows flexibility for high-viscosity oils and cold applications.

ENHANCED SAFETY

- Phase reversal switch enables motor rotation control without opening the panel.

FRONT ACCESS DESIGN

- All controls and valves accessible from the front for enhanced operator safety.

ADVANCED FILTRATION

- Includes a micro-glass filter element (Beta(c)>1000) capable of 99.9% particulate removal in multi-pass.



TECHNICAL SPECIFICATIONS

- **Filtration:** Micro-glass filter rated per ISO 16889, housed in a 150 PSI hydraulic filter.
- **Heating System:** 36 kW low-watt density circulation heater with multiple protection features.
- **Inlet/Outlet Connections:** 1-1/2" Camlock, with 20 mesh inlet strainer.
- **Condensation Management:** Air-cooled condenser with TEFC motor.
- **Inlet valve and discharge check valve** for protection.

ELECTRICAL REQUIREMENTS

- 480 Volts, 3 PH, 60 Hz
53 FLA



A Division Of Gaubert Oil Company, LLC

800.256.1250
ifmservices.com

1325 St. Patrick | Thibodaux, LA 70301

IFM 20 GPM

DEHYDRATOR (CLASS 1, DIV 2)



APPLICATIONS & BENEFITS

FLEXIBLE OPERATION

- Ideal for variable oil viscosities and temperatures.

COST-EFFECTIVE MAINTENANCE

- Low maintenance vacuum pump and reusable anti-wear media reduce long-term costs.

DIMENSIONS & WEIGHT

- **Dimensions**
62" x 42" x 76" (H)
- **Weight**
Approximately 2,800 lbs
- **Base Construction**
Carbon steel with spill containment rail, fork slots, and low-point drain.



OPTIONAL ADD-ONS

- **Auto Water Purge Kit:**
Automates water drainage from collection chamber
- **Stainless Steel Components:**
SS vacuum tower and filter housing upgrade
- **Lifting Structure:**
4-point lifting structure for easy handling
- **Particulate Filter Element:**
High-performance filtration for particulate removal

*For more information
or to request a quote,
please contact us at*



A Division Of Gaubert Oil Company, LLC

800.256.1250
ifmservices.com

1325 St. Patrick | Thibodaux, LA 70301