



QPEC 12" Rubber Lined Pressure Filter with special cake retainers



12 ea. QPEC 12" 316 ss Pressure Filters

Applications

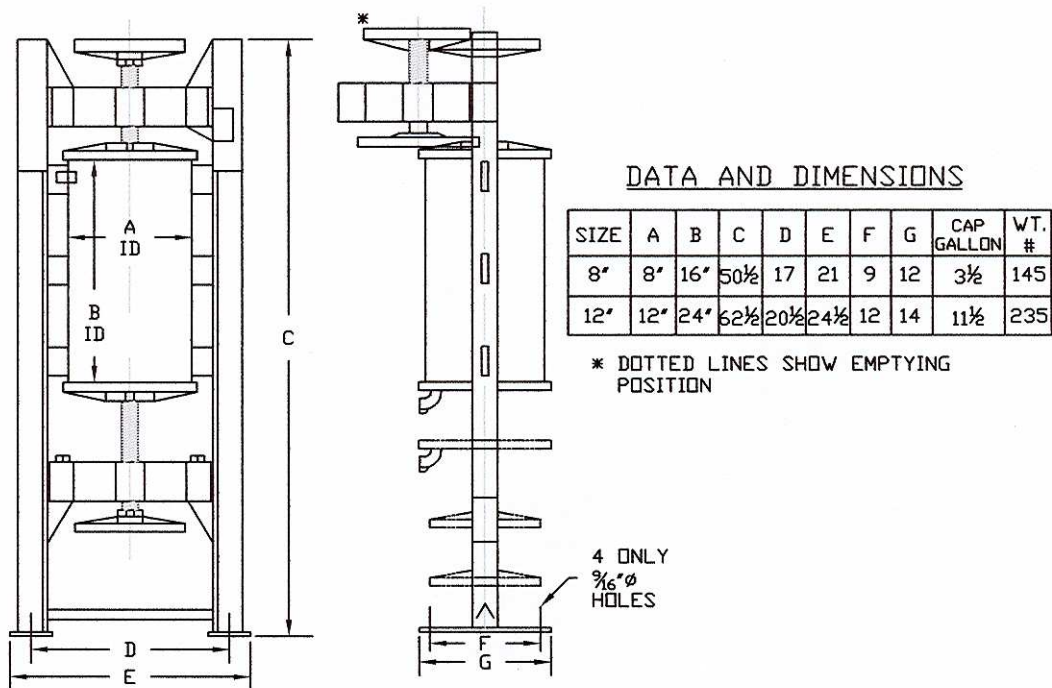
Ideal for removing the liquid phase from metallurgical, chemical and industrial pulps. Developed initially for dewatering metallurgical slurries. May also be utilized as a vacuum filter by attaching a vacuum connection to the liquid underflow discharge connection.

Advantages

1. Compact self-supporting pressure filters for multi-purpose laboratory usage. Simple design for rapid feed-filter and clean-up cycles.
2. Available in mild steel, rugged frame construction, stainless steel, and elastomer-lined construction for corrosive applications. Covers and yokes are accurately machined out of heavy steel plate, and cylinders are of heavy wall pipe construction.
3. 8" diameter with 3-1/2 gallon capacity and 12" diameter with 11-1/2 gallon capacity units are standard, and represent a suitable size range for most applications.
4. Cover provided with gasketed groove on mild and alloy steel units to assure pressure seal on top and bottom covers. In the case of elastomer-lined units, the cylinder lining serves as the gasket seal.
5. Large diameter handwheel device with coarse Acme thread provides simple, safe, fast action method of opening and closing the pressure chamber. Special wrench provided for additional leverage when higher pressure ranges are desired.
6. Steel cylinder and covers designed for pressures to 125 psi. However, we recommend operating at a maximum of 75 to 100 psi and do not recommend operation at higher pressures as leakage will occur due to pressure flow of the elastomer gasket material. Shut-off valve is provided for gauge.
7. Pressure gauge and 100 psi safety relief valve are provided. Valve is factory-set at 75 psi for normal operation.
8. Filter cloth and one package of 100 filter papers are provided.

(Dimensions and specifications on reverse side.)

3400 Brighton Blvd., Denver, Colorado 80216 Phone: (303) 295-2872 Fax (303) 295-2706
Email: quinnproc@aol.com Website: <http://www.quinnprocess.com>



Specifications

Sizes: 8" and 12" diameter.

Standard construction: Mild steel cylinder, top and bottom covers; steel yokes, Acme threaded and structural frame; aluminum handwheel; mild steel backing screen; filter cloth and package 100 filter papers. Unit includes special wrench.

Pressure gauge: Included with necessary steel piping and fittings.

Pressure relief valve: Adjustable to maximum 100 psi; factory set at 75 psi. Rustoleum primer and enamel green finish.

Assembly: Shipped fully assembled.

Optional: Wetted parts of stainless steel 304, ss 316, or other alloys; or wetted parts steel, rubber, neoprene, or other elastomer with stainless steel or other alloy backing screen.