

For Ammonia (R-717) and Halocarbon Refrigerants Sizes: 6", 8", 10", and 12"

Features

- **Certified to ASME Code Section VIII, Div. 1 (-50°F @ 400 PSI)**
- **Oil Pots in Table 1 are stocked for rapid delivery**
- **Custom Horizontal and Vertical Oil Pots are Available**



Oil Pot

Available Options

- **Isolation Valves**
- **Self-Closing Oil Drain Valves**
- **Relief Valves**
- **Internal Heaters**
 - **1 kW (6", 8" Oil Pots)**
 - **1.5 kW (10" Oil Pots)**
 - **2 kW (12" Oil Pots)**

Design Function

Phillips® oil pots are small ASME Code certified pressure vessels designed to collect the mixture of oil and ammonia that typically accumulates in the bottom of a large pressure vessel, such as a low pressure receiver. An equalizing line vents pressure from the oil pot to the upper portion of the larger vessel above to allow for easy drainage. Isolation valves for the inlet and vent lines are available. A separate relief line connects the oil pot to the required relief valves, which Phillips can also supply. Globe and self closing drain valves are also available to facilitate oil removal from the oil pot.

Phillips recommends adherence to the IIAR Oil Draining Guidelines which include:

- Use protective clothing and equipment.
- Never apply heat externally to an oil pot. Use internal heaters if necessary.
- Observe lock out/tag out procedures when isolating the oil pot.
- Never isolate an oil pot that is not equipped with a safety pressure relief valve.
- Properly operate the oil drain and self-closing valves.

Oil Pot Dimensions

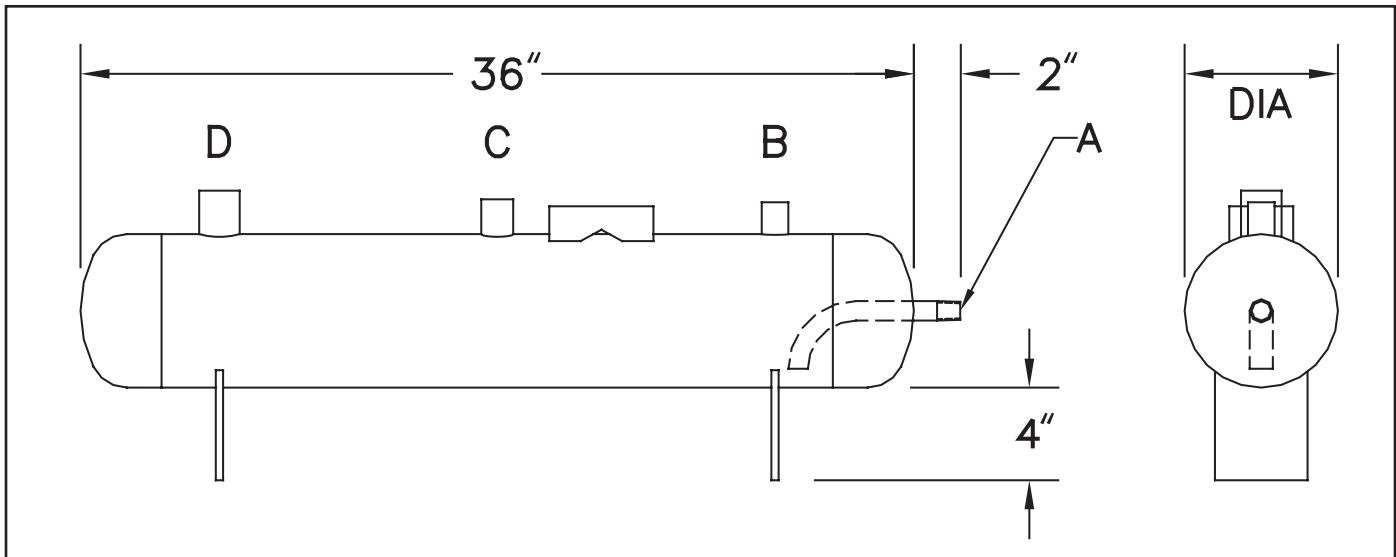


TABLE 1

MODEL NO.	DIMENSION (IN.)		CONNECTIONS FUNCTION & SIZE (IPS)				SHIPPING WT. (LBS.)
	NOMINAL DIAMETER	O.A.L.	A OIL DRAIN	B RELIEF	C VENT	D INLET	
6	6	36	1/2"	1/2"	3/4"	1"	50
8	8	36	1/2"	1/2"	3/4"	1"	75
10	10	36	1/2"	1/2"	3/4"	1-1/4"	100
12	12	36	1/2"	1/2"	1"	1-1/2"	120

Ordering Instructions

When ordering, please specify a model number (from Table 1, above) and the suffix for the desired options.

OPTION SUFFIXES

PA – Oil Pot Only

PB* – Oil Pot with 250 psi Relief Valve

PC* – Oil Pot with 250 psi Relief Valve, Inlet & Vent Globe Valves, Drain Globe & Self-Closing Valves

* Other relief valve pressure settings available.

Example: 8" x 36" Oil Pot with all accessories – **8PC**.

SPECIAL ORDERS

Oil Pots with dimensions other than those in Table 1 can be manufactured to customer specifications.

3/4" Self-Closing Drain Valves are available on special order Oil Pots with 3/4" drain connections.

Oil Pots incorporating Internal Oil Heaters can be provided.

H. A. Phillips & Co.

1612 Louise Drive

South Elgin, IL 60177-2242 U.S.A.

Phone: (630) 377-0050 • Fax: (630) 377-2706

E-mail: info@haphillips.com

or visit us @ www.haphillips.com

