

The HP Series Carbon units are used on remediation systems where standard flow volumes are required with minimal back-pressure. These units offer a 25% freeboard area for excellent backwash ratios. Typical applications are groundwater remediation for VOCs or industrial sites with similar applications. Several media types are available for removal of more specific compounds such as metals and other contaminants. Aggregate media specifically designed to be backwashed is also available.

**APPLICATIONS:**

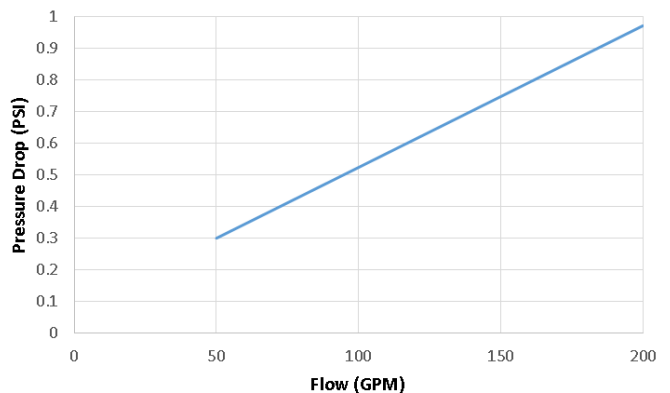
- Remediation of contaminated water streams

**STANDARD SPECIFICATIONS:**

- 60”D x 73”H Tank Vessel With Removable Lid for easy access when changing your carbon media without affecting efficiency or performance
- 3 Inch Inlet/Outlet
- Carbon Steel (8MM)
- 80 psig maximum pressure
- Epoxy Coated Interior, 304 SS Baskets
- High Flow Distributor Manifold
- Heavy Duty Welded Legs
- Approx. 2000 lbs. of GAC media based on a packed density bed of 30lbs/ft<sup>3</sup>



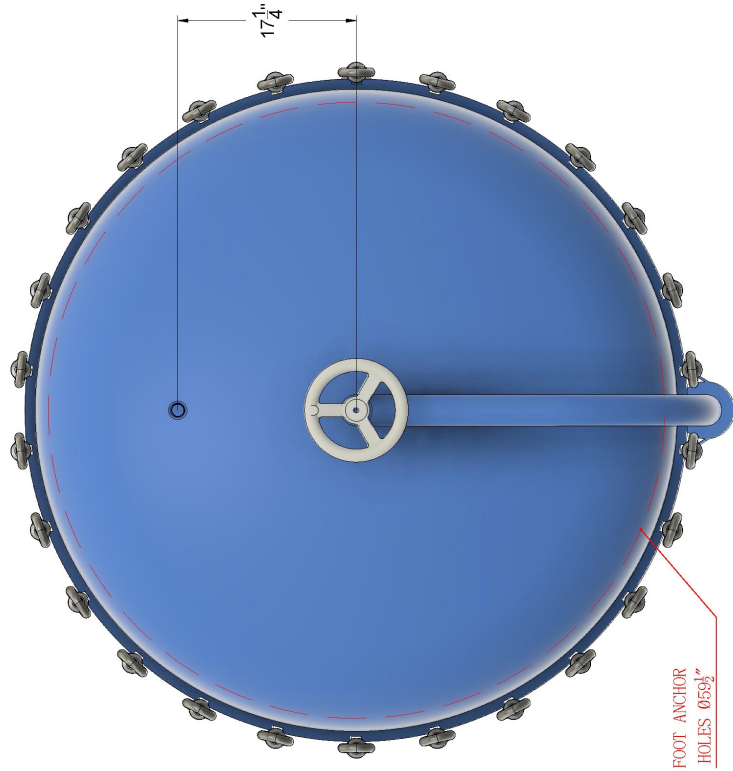
**8 x 30 Liquid Carbon Pressure Drop vs. Flow  
60" Diameter Vessel**



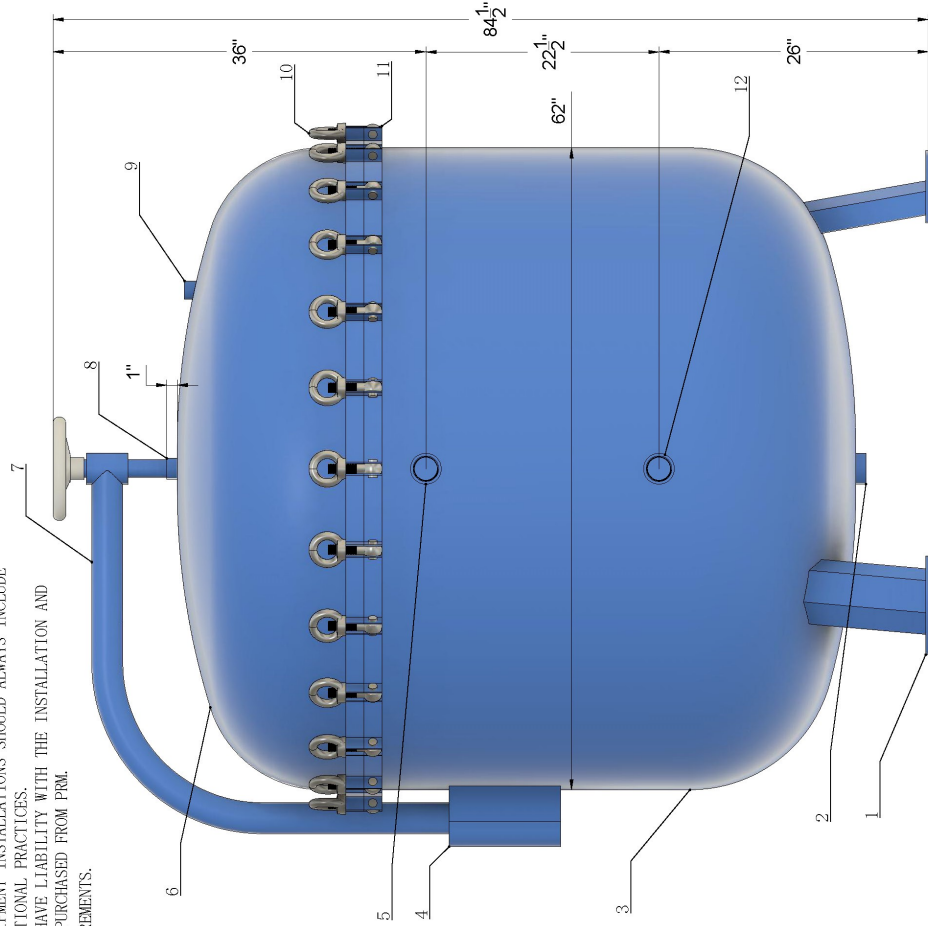
NOTES:

1. PRM FILTRATION IS ONLY A SUPPLIER OF THIS EQUIPMENT.
2. PRM IS NOT RESPONSIBLE FOR SPECIFYING THIS PRODUCT FOR THE APPLICATION.
3. BUYERS AND/OR USER SHOULD REQUIRE AN ENGINEER FOR ENSURING THAT THE PROPER EQUIPMENT IS INSTALLED FOR THE APPLICATION INCLUDING ALL PROPER SAFETY PRACTICES.
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5. IT IS AGREED THAT PRM NOR ITS OWNERS HAVE LIABILITY WITH THE INSTALLATION AND OPERATION OF THESE OR OTHER PRODUCTS PURCHASED FROM PRM.
6. ALLOW UP TO 1/4" TOLERANCE ON ALL MEASUREMENTS.
7. MODEL LINK: <https://a360.co/421t3gv>

NO.	ITEM	QTY	MATERIAL	NOTES
1	LEG	3	CARBON STEEL	
2	DRAIN	1	CARBON STEEL	2" NPT
3	SHELL	1	CARBON STEEL	
4	SUPPORT ARM MOUNT	1	CARBON STEEL	
5	INLET	1	CARBON STEEL	2" NPT
6	LID	1	CARBON STEEL	
7	SUPPORT ARM	1	CARBON STEEL	
8	SUPPORT ARM PORT	1	CARBON STEEL	
9	EXHAUST VENT	1	CARBON STEEL	1" NPT
10	SWING BOLTS	26	304 SS	M24
11	BRACKETS	26	CARBON STEEL	
12	OUTLET	1	CARBON STEEL	2" NPT



FOOT ANCHOR HOLES 05594"



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SHEET TITLE

HP 2000 LIQUID PHASE CARBON VESSEL  
CARBONTKHP2000RDLX

DATE

06/08/2023

NO. REVISION

DATE

DRAWING NUMBER

D-1