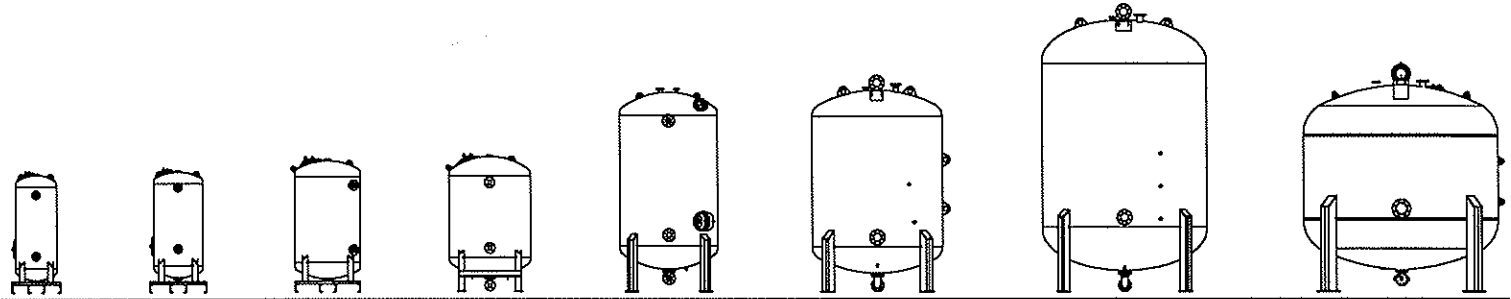




PC Series Carbon Vessels

Carbonair's carbon vessels are designed and manufactured in accordance with engineering standards set forth by the American Society of Mechanical Engineers (ASME). The materials used in construction are in accordance with standards established by AWWA, FDA, and EPA.

Specifications



Model	PC 5	PC 7	PC 13	PC 20	PC 28	PC 50	PC 78	PC 113
Flow Range (gpm)	3 - 35	4 - 50	6 - 100	10 - 130	14 - 200	25 - 360	40 - 550	55 - 800
Carbon Capacity (lb)	500	1000	1500	2500	5000	10,000	20,000	20,000
Vessel Diameter	2'-6"	3'	4'	5'	6'	8'	10'	12'
Vessel Height	7'-3"	7'-7"	8'-4"	8'-5"	12'-5"	13'-3"	17'-7"	13'-11"
Bed Area (ft ²)	4.9	7.1	12.6	19.6	28.3	50	78	113
Empty Weight (lb)	780	980	1230	1800	3150	8100	10,900	16,600
Loaded Weight (lb)	1280	1980	2730	4300	8150	18,100	30,900	36,600
Operating Weight (lb)	2670	3670	6150	9200	17,450	40,600	75,600	82,650
Spent & Drained Weight (lb)	1900	3230	4600	7400	14,400	30,520	55,750	61,450
Design Pressure (psig)	90	90	90	75	75	75	75	75
Influent Connection	2"	2"	2"	3"	4"	6"	6"	8"
Effluent Connection	2"	2"	2"	3"	4"	6"	6"	8"

Design Features

- Welded Steel Construction
- Corrosion Resistant Acrylic Polyurethane Coated Exterior
- Multi-Coated Corrosion Resistant Epoxy Interior
- Built to ASME code
- PVC and Stainless Steel Internals
- Two 12" x 16" Access Ports

Options

- Influent/Effluent Sample and Pressure Taps
- Influent/Effluent Quick-Connect Couplings
- Flexible Interconnecting Hose
- External Sample/Gauge Ports
- Piping Packages
- Flow Instrumentation
- ASME Inspected and Stamped Vessels Available
- Complete line of granular activated carbon and other media

Service Centers

FLORIDA
4710 Dignan Street
Jacksonville, FL 32254
800.241.7833
904.387.4465
904.387.5058 Fax

MINNESOTA
7500 Boone Ave N #101
Brooklyn Park, MN 55428
800.526.4999
763.315.4771
763.315.4614 Fax

TEXAS
4889 Hunter Rd. Bldg 1-C
San Marcos, TX 78666
800.893.5937
512.392.0085
512.392.0066 Fax

VIRGINIA
4003 West Main Street
Salem, VA 24153
800.204.0324
540.380.5913
540.380.5920 Fax