

LIQUID PHASE CARBON ADSORBERS

LOW PRESSURE									
Filter Type	Maximum Per Unit			Weight (pounds)		Dimensions (inches)			
	GPM	PSIG	°F	Carbon	Shipping	D(LxW)	H	Inlet	Outlet
WSU55	10	10	175	200	250	24	36	2 FNPT	2 FNPT
WSU85	15	10	175	300	375	26	40	2 FNPT	2 FNPT
WSU110	20	10	150	400	500	32	46	2 FNPT	2 FNPT
WSU1000P	60	15	120	1,000	1,500	46	70	2 MQC	2 MQC
WSU1000S	60	12	150	1,000	1,800	48	64	2 FNPT	2 FNPT
WSU1000SLN	60	15	150	1,000	1,800	46x60	67	2 FNPT	2 FNPT
WSU2000S	100	15	150	1,800	2,800	48	94	2 FNPT	2 FNPT
CWS10000	350	N/A	150	10,000	15,000	180x90	100	4 FNPT	4 FNPT
HIGH PRESSURE									
FRP1447-4	5	150	120	100	150	14	52	1 FNPT	1 FNPT
FRP1665-4	10	150	120	200	275	16	68	1 FNPT	1 FNPT
FRP2162-4x4	15	150	120	300	425	21	70	2 Socket	2 Socket
FRP2472-4x4	20	150	120	400	650	24	86	2 Socket	2 Socket
FRP3072-6x6	35	150	120	650	1,000	30	87	3 FNPT	3 FNPT
FRP3672-6x6	50	150	120	900	1,300	36	88	3 FNPT	3 FNPT
FRP4272-6x6	65	150	120	1,200	2,000	42	86	3 FNPT	3 FNPT
FRP4872-6x6	85	150	120	1,600	2,500	48	91	3 FNPT	3 FNPT
FRP6386-16x6	160	150	120	3,000	4,800	63	113	3 FNPT	3 FNPT
FRP63144-16x6	300	150	120	6,000	8,500	63	171	3 FNPT	3 FNPT
NCL-36	50	75	150	1,000	2,000	36	85	2 FNPT	2 FNPT
NCL-42	75	75	150	1,500	2,750	42	87	2 FNPT	2 FNPT
NCL-48	100	75	150	2,000	3,500	48	96	3 FNPT	3 FNPT
NCL-54	125	75	150	2,500	4,200	54	96	3 FNPT	3 FNPT
NCL-60	150	75	150	3,000	4,900	60	102	4 FNPT	4 FNPT
NCL-72	250	75	150	5,000	4,900	72	114	4 FNPT	4 FNPT
ACL-90	500	100	150	10,000	23,000	90	156	6 SOF	6 SOF
ACL-120	1,000	100	150	20,000	36,000	120	168	8 SOF	8 SOF

R = Radial P = Plastic S = Steel LN = Like New

Adsorption System Operation Planning

Planning for the operation of your activated carbon adsorption system begins before adsorber selection and installation. Properly planned, the costs of spent carbon handling and recycling are minimized. Issues include site location, system size, waste characterization, operator experience and adsorber type.

WARNINGS:

WET ACTIVATED CARBON - Due to moist carbon's preferential removal of oxygen from air, closed, partially closed or poorly ventilated containers or spaces containing wet activated carbon may present a low oxygen hazard to workers. If workers are to enter such a container or space, sampling, testing and operational procedures should be followed to ensure worker safety.

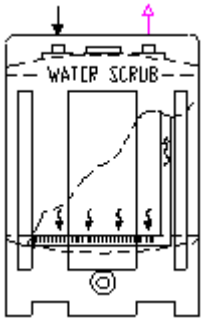
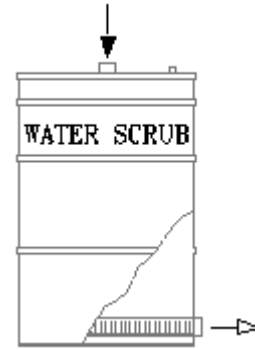
WARRANTY: The carbon adsorption units are manufactured in accordance with the specifications disclosed in the literature. No warranty, expressed or implied, is made relating to the suitability of the product for any particular application or purpose.

Liquid Phase Adsorbers

WATER SCRUB UNITS - Drum Type to 25 GPM

Models: WSU55, WSU85, WSU110

These economical adsorbers are your choice for low flow, low pressure liquid phase applications. Downflow operation and a slotted PVC underdrain maximize carbon bed use for removal of a wide variety of organic contaminants. High quality activated carbon provides for long adsorber life. Materials of construction are epoxy lined mild steel.



WATER SCRUB UNITS - Polyethylene Adsorber to 60 GPM

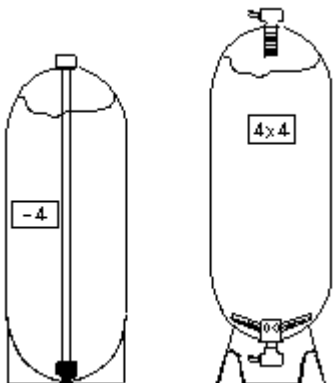
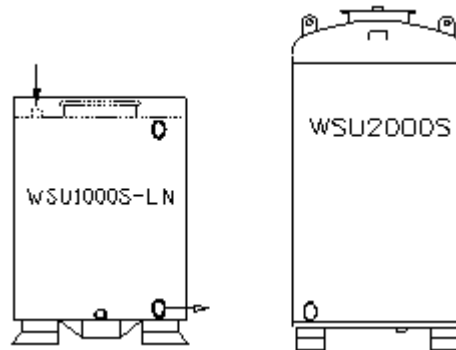
Model: WSU1000P

The WSU1000P is our most economical medium capacity liquid phase adsorber. Designed for flow rates to 60 GPM and constructed of corrosion resistant cross-linked polyethylene, this adsorber provides high efficiency without stressing your budget.

WATER SCRUB UNITS - Epoxy Lined Steel to 100 GPM

Models: WSU1000S, WSU1000SLN, WSU2000S

These low pressure adsorbers offer the economy and durability of epoxy lined steel construction. Available for purchase or rent, we stock these models for quick shipment.



HIGH PRESSURE ADSORBERS - FRP Construction to 300 GPM

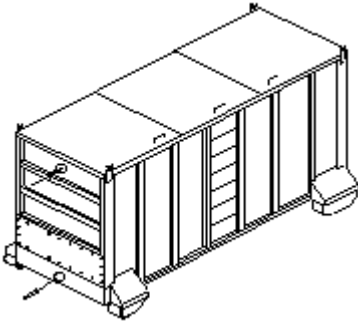
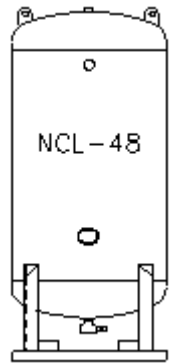
Models: FRP1447 through FRP63144

Liquid phase FRP adsorbers are designed to handle high pressure applications to 150 psi. Polyethylene lined fiberglass vessel construction will handle harsh waste or process stream conditions. A wide variety of vessel sizes and capacities are available to meet your unique requirements.

HIGH PRESSURE ADSORBERS - Epoxy Lined Steel to 1000 GPM

Model: NCL Family, ACL Family

When your application requires high pressure capability and the durability of heavy duty lined steel adsorbers, our NCL and ACL units are your answer. The economical non-code NCL or ASME Code ACL adsorbers are available in a wide range of sizes including custom pipe, valve and control modules.



CLEAN WATER SYSTEM - Roll-off Boxes to 350 GPM

Model: CWS8000

The CWS8000 is a high carbon capacity non-pressure adsorber designed to provide extended carbon bed life and the economy of our roll-off box design. Epoxy lined mild steel construction stands up to extreme waste stream conditions.