

NIXTOX PDB – Premium Vapor Purification Units

Modular Activated Carbon Vapor Phase Adsorber

TIGG's NIXTOX PDB series of activated carbon adsorbers are designed for vapor phase environmental Remediation and industrial processing applications involving the removal of contaminants from air and other vapors.

NIXTOX PDB vessels feature a specially constructed bed support, which creates a plenum chamber. This permits even flow distribution and efficient utilization of the activated carbon media.

These vapor phase vessels are fabricated of carbon steel and have a high solids epoxy lining. The units can also be built with different Construction materials and linings. The adsorbers are fitted with lifting lugs and fork channels. Manways are 20" in diameter for easy access and removal and replacement of carbon or other media. Manways are 18" x 14" elliptical located on top of tank for easy access and vessels are supplied with 4" x 6" hand holes on bottom side. Legs and fork channels are provided on the CP5000 and smaller vessels, larger vessels have legs only.



NOTES:

- Desired contact time may allow higher or lower flow rates
- Adsorbent fill based on 27 lbs./ft. bed density
- Adsorbent fill differs based on variable bed density and alternate adsorbents

Modular Activated Carbon Vapor Adsorber Series

Model #	Max Flo (CFM)	Max Press (PSIG)	Max Temp	Diameter/ Height (in)	Standard/Max Fill (lbs)	Shipping Weight
N-750-PDB	750	15	180	38/81	500/600	1,350
N-1200 PDB	1,200	15	180	46/94	1,000/1,200	2,200
N-1800 PDB	1,800	15	180	57/95	1,500/1,700	2,900
N-2500 PDB	2,500	15	180	68/96	2,000/2,300	4,000
N-4000 PDB	4,000	15	180	85/110	3,000/5,000	5,750
N-5000 PDB	5,000	15	180	96/120	4,200/6,200	8,200