

NIXTOX PDB Premium Vapor Purification Units

Modular Activated Carbon Vapor Phase Adsorbers

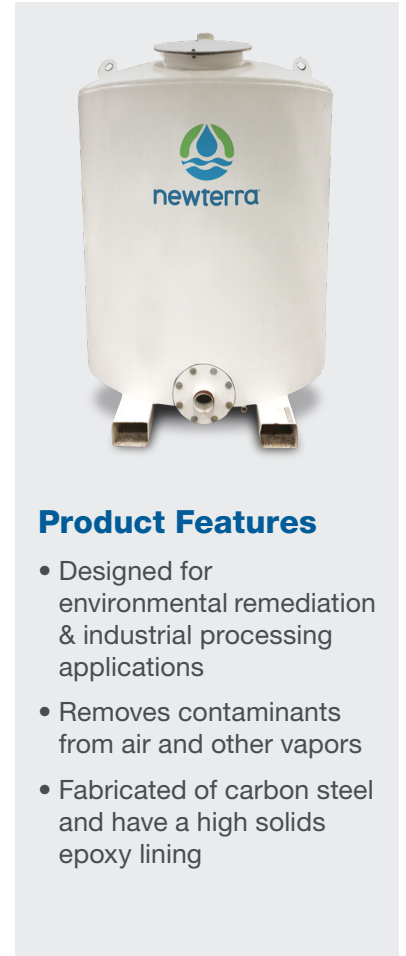
TIGG's NIXTOX PDB series of activated carbon adsorbers are designed for vapor phase environmental remediation and industrial processing applications involving the removal of contaminants from air and other vapors.

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.

NIXTOX PDB Features

- 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



Product Features

- Designed for environmental remediation & industrial processing applications
- Removes contaminants from air and other vapors
- Fabricated of carbon steel and have a high solids epoxy lining

Modular Activated Carbon Vapor Phase Adsorbers

Model #	Max Flow Actual Cubic Feet Per Minute (ACFM)	Max Press (PSIG)	Max Temp (°F)	Inlet/Outlet (inches)	Diameter/Height (inches)	Standard Adsorb Fill (lbs)	Maximum Adsorb Fill (lbs)	Shipping Wt Std Fill (lbs)
N-750 PDB	750	15	180	6/6	38/81	650	700	1,500
N-1200 PDB	1,200	15	180	8/8	46/94	1,000	1,400	2,200
N-1800 PDB	1,800	15	180	10/10	57/95	1,500	2,000	2,925
N-2500 PDB	2,500	15	180	12/12	68/96	2,000	2,700	4,000
N-4000 PDB	4,000	15	180	14/14	85/110	3,200	5,200	5,950
N-5000 PDB	5,000	15	180	20/20	96/120	4,400	7,400	8,400

About Newterra

Newterra offers a broad portfolio of reliable, trouble-free technologies and outsourcing support for global municipal and industrial customers across diverse applications, including drinking water, industrial process water, wastewater, stormwater and remediation.