



# SERVICE TECH, INC.

Activated Carbon Engineering, Sales and Service

Service Tech's STI V-10,000 is a Vapor Phase Carbon Adsorption vessel designed for vapor streams up to 10,000 scfm. When the activated carbon is "spent", the sturdy "Roll Off" Box design allows the entire changeout to be done simply and cleanly by one person and a standard rail truck in less than two hours. In addition the V-10000 has the following features:

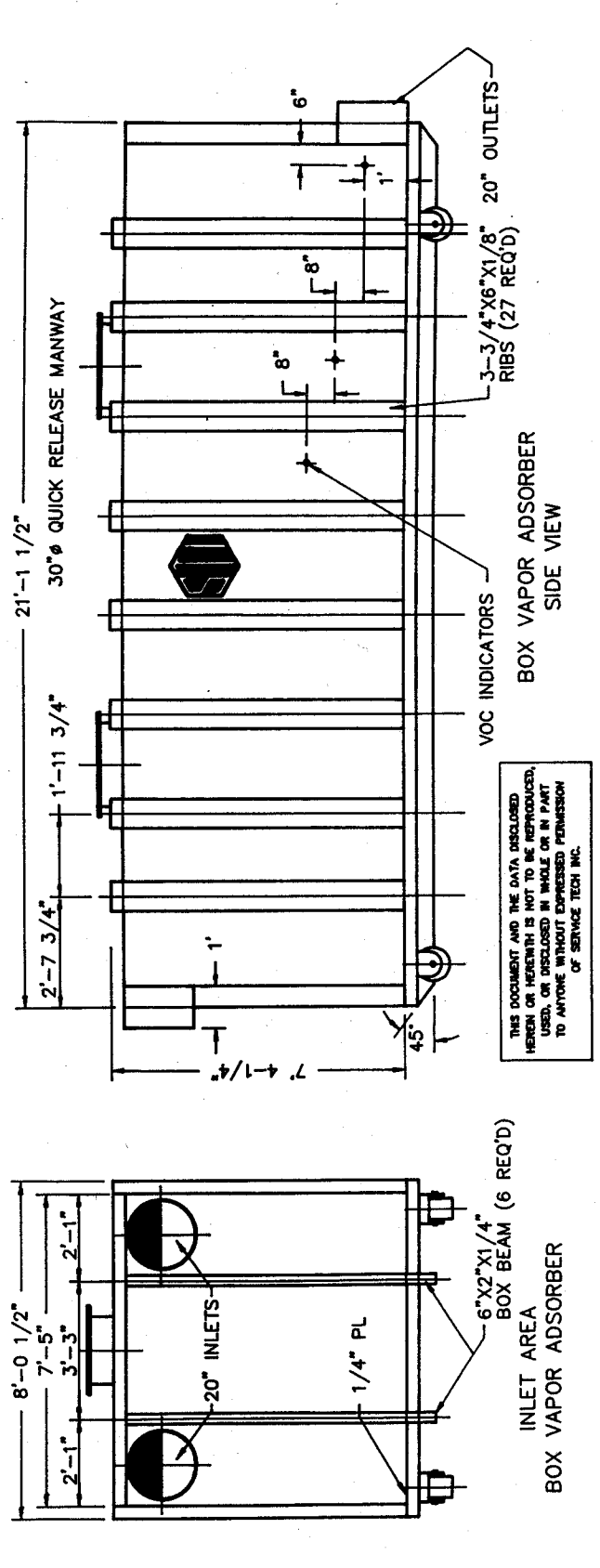
- \* Durable 1/4" Carbon Steel Construction
- \* Equipped w/ rollers to facilitate loading & placement
- \* Cross Sectional be area of over 165 ft<sup>2</sup>
- \* Three screened 3/4"  $\phi$  ports for optional VOC indicators to monitor carbon exhaustion, allowing scheduled GAC changeouts.
- \* Premium three component exterior coating for harsh environment
- \* Heavy duty thick film epoxy phenolic internal coating
- \* Upper & Lower open vapor plenum areas
- \* Designed for pressure of up to 30" W.C. at 225F
- \* Designed for vacuum of up to 30" W.C. at 225F
- \* Dual 20"  $\phi$  Process inlets & outlets
- \* Two (2) 30"  $\phi$  Quick release hinged manways/carbon filled ports
- \* Manway access ladder

## STI V-10000 VAPOR PHASE ADSORBER

CARBON CAPACITY: STANDARD FILL: 360 ft<sup>3</sup> Per Unit  
 MAXIMUM FILL: 640 ft<sup>3</sup> Per Unit

OPTIONS AVAILABLE:

- \* Assembled as system with blower fan and piping
- \* Multiple Units prepiped for larger flow rates
- \* Units designed for higher pressure or temperatures
- \* VOC indicators
- \* Stainless Steel construction
- \* Available with a wide variety of activated carbon grades



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