

FORCED DRAFT “95 Hi C” SYSTEM

Our forced draft BTEX emission system is made with all stainless steel, ASME stamped heat exchangers, completely manufactured and tested by SpiralX. The system forces air past finned tubes via electric fans to create condensation in all environments. Electric supply capable of 230/480 VAC must be available. Regeneration capability ranges from 200,000 - 3.5MM BTU/hr. 95% VOC destruction is claimed through SpiralX combustors paired with a **PROFIRE** burner management system. There are SIX major reasons end-users prefer this design.

1. SpiralX forced draft systems use a 24” diameter stainless separator tank, complete with removable demister pad. Inferior systems use a 4” diameter separator, which often is not large enough to get good separation between the condensable and the BTEX gases, thus creating a fire hazard.
2. 35 GPM rated diaphragm pumps are used to move condensate as opposed to 4 GPM blow cases. This provides added protection in upset conditions. A dual pump setup is available to reduce downtime during maintenance or pump replacement.
3. SpiralX forced draft systems come with an on or off skid combustor to destroy BTEX gases as opposed to the dangerous practice of pushing those gases back into the dehy burner.
4. SpiralX uses high liquid level and emergency bypass systems in conjunction with our accumulator tanks to prevent exhaust from entering BTEX elimination process during a detected failure.
5. SpiralX is the only BTEX solutions company that features Profire burner management systems to accurately monitor the pilot flame and control the bypass.
6. For large dehydrating units, these units are considerably more compact and low profile than inferior models, allowing for easy shipment as well as low cost installation.



Features:

- Large accumulator tank design capable of handling upset conditions.
- Level glass mounted on accumulator tank to show liquid level during operation.
- High level shut down system to prevent condensate from entering combustor.
- Rated for Class I, Div. II, Group D environments.
- Optional sheet metal enclosure and/or heat trace for cold weather protection.
- Up to 95% claimed destruction of VOCs.