



Groundwater Treatment Unit GWT-3000

The GWT-3000 is a versatile stand-alone Groundwater Treatment System complete with integrated LoPro Air Stripper, pre-sparge and final carbon polish. It has been designed to treat hydrocarbon impacted water.

The GWT-3000 is designed to operate completely independently. However it can be configured to accept enable/disable interlock signals from other stand alone equipment such as Feed Pumps, Soil Vapour Extraction (SVE) and/or Multi Phase Vacuum Extraction Systems and, if required, electrically or gas heated Thermal or Catalytic Oxidizers.



Base System Components

Vertical Gravity Separator	Optional LEL Alarm & Shutdown
Control Panel with Emergency Stop	Dedicated 3kW 3 phase Air Compressor
High Flow Particulate Filter	Final Carbon Scrub System
LoPro Air Stripper	Containerized System
Air Supply for Pneumatic Down Hole Pumps	Dedicated First Aid & Fire Extinguishers
Interlocked Safety Shutdowns	Gauges, Test & Sample Points
Imbedded Remote Telemetry	Optional Instrumentation Rental Pack

Turning liabilities into assets

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Specifications

Nominal Flow Capacity:	3000L/hr @ 500ppm VOC
Minimum Flow Capacity:	1500L/hr @ 1000ppm VOC
Inlet Connections:	1 x 4"(100mm)
Outlet Connections:	1 x 4"(100mm)
Maximum Stack Height:	15' (4.5m) Above Ground
Stack Diameter:	4" (100mm)
Maximum VOC Throughput Dissolved Phase:	1000ppm
Maximum VOC Throughput Separate Phase:	250L/Day
Separate Phase holding Capacity:	1000L
Noise Level (Closed):	<75 dBA at 10'(3m)
Power Requirements:	415V AC 3Phase N+E 32Amp
System Weight Nominal:	4,175 lb (2.8 Tonne)
System Dimensions:	20' (6m) ISO Shipping Container
Special Site Requirements:	May Require Bunded Slab



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