

FALCO 600 with Optional 20 H. P. Blower Assembly



This high flow extraction and treatment system integrates the FALCO 600, Blower, VCV, and inlet filter onto one steel frame. Assembly weighs 2,270 lbs and is 56" wide, 78" long, and 87" tall. It fits in a parking space and can be shipped by common carrier (flat bed not required).

Assembly provides the following performance:

Blower Inlet vacuum	FALCO Inlet pressure	Flow into oxidizer
80" H2O	25" H2O	495 SCFM
60" H2O	30" H2O	580 SCFM
40" H2O	38" H2O	635 SCFM
35" H2O	40" H2O	660 SCFM

At low vacuum, up to 430 lbs/day of petroleum hydrocarbons can be treated. Small size, high processing capacity, and energy efficiency make this system ideal for large scale Soil Vapor Extraction applications. Assembly is Factory Mutual approved for use in hazardous locations.



FALCO®
-Precision Vapor Control-

Packaged system includes the following:

- FALCO 600 Catalytic Oxidizer
- Airtech regenerative blower model # 3BA1900 with 20 hp, 3 phase XP motor
- Vapor Control Valve (VCV) with filter
- Solberg 4" inline blower filter
- Stainless steel vacuum and pressure gauges
- Vacuum relief valve
- Recirculation valve for flow adjustment
- Mounting frame, factory piping and wiring between FALCO, blower and VCV