

FALCO 300 with VFD Controlled 7.5 hp Blower Package

(For S.V.E. sites with single or three phase power)



The blower package combines with the FALCO 300 to form an integrated vapor extraction and treatment system. This package can be installed on either single phase or 3-phase sites. A Variable Frequency Drive (VFD) converts single-phase input voltage to a 3-phase output to operate the extraction blower. The VFD is also used for flow adjustment. Factory assembly minimizes work on site.

Components are mounted on frames joined by forklift beams. One frame supports the blower, Vapor Control Valve, and accessories. The second frame supports the FALCO 300 and VFD. This low-profile system weighs 1525 lb. and is 4' wide, 5'7" long, and 6'2" tall. It fits in a parking space or a full size pickup truck.

When integrated with the FALCO 300, the 7.5 hp blower provides the following performance:

25" H ₂ O vacuum	=	250 scfm oxidizer flow
40" H ₂ O vacuum	=	223 scfm oxidizer flow
60" H ₂ O vacuum	=	190 scfm oxidizer flow

System is fully wired and tested at Falmouth Products for maximum reliability and continuous outdoor operation. Entire system is Factory Mutual approved for use in hazardous locations.



Packaged system includes the following:

- FALCO 300 Catalytic Oxidizer
- FPZ 7.5 hp, three phase, explosion proof, inverter-duty, regenerative blower model # SCL K07-MS-7.5-3 XP-1
- FALCO Vapor Control Valve (VCV) with filter
- Solberg 3" inline blower filter
- Stainless steel vacuum and pressure gauges
- Vacuum relief valve
- Schneider Electric 15 HP Variable Frequency Drive in NEMA 3R enclosure for phase conversion and flow adjustment
- Stainless steel mounting rails with forklift pockets
- Mounting frames, stainless steel factory piping and wiring between FALCO, VFD, blower and VCV

FALCO

FALMOUTH PRODUCTS P.O. BOX 541 FALMOUTH, MA 02541
Phone 508 548 6686 www.falmouthproducts.com
sales@falmouthproducts.com