

## HFS - series Scrubber

### Fume Scrubber System



High efficiency **H**orizontal (air) **F**low wet-**S**crubber scrubs acid fumes from the airstream prior to discharge. (Independent third-party testing report available on application). Incorporates self-regulating water reticulation system including sump with overflow, bleed and dump ports to enable regulation of both water level acidity liquid contents change out.



Unit incorporates clear viewing panels to enable easy verification of functions and easy maintenance via the proprietary cam-lock mechanism which ensures an airtight and watertight seal.

The weight-distributed design ensures minimal point loading on the support surface.

Integral anchor points enable reliable installation.

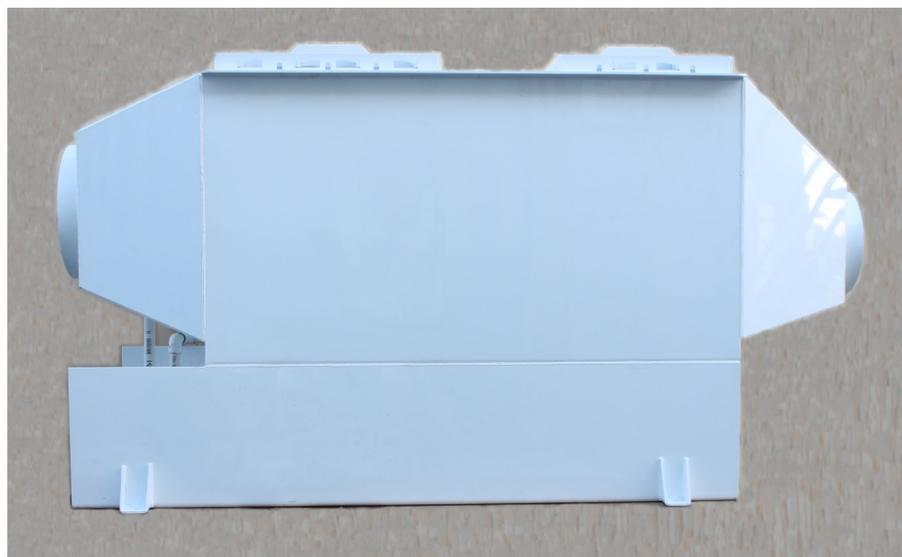
Fully welded structural PVC construction is factory leak-tested and provides years of worry-free operation.

#### Features

- Structural PVC construction –Highly resistant to Acids/Alkalis.
- Recirculation Pump.
- See through viewing panels enables simple inspection of operation.
- Manual Liquor dump valve enables simple cleaning/maintenance.

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### Optional Features

- Both inlet & outlet diameters can be customised to suit your duct and/or fan diameter(s)
- Can be configured as a closed system with dosing facility to add neutralising agent. (both manual & automatic systems available)
- White PVC standard—Other colours/materials available on request.
- Polypropylene construction
- Auto-dump system while scrubber runs

SPECIFICATIONS	HFS 400	HFS 700	HFS 1200
CONSTRUCTION	Polypropylene	Polypropylene	Polypropylene
PUMP	Singe Phase (3-Phase on request)	Singe Phase (3-Phase on request)	Singe Phase (3-Phase on request)
SPRAY HEADS	4	5	6
WEIGHT (dry)	60kg	80kg	100kg
WEIGHT (in operation)	180Kg	280kg	340kg

(Weights are nominal only)

DIMENSIONS (Nom.)	HFS 400	HFS 700	HFS 1200
VOLUME AIR (Lts/sec)	400	700	1200
HEIGHT (mm)	1050	1150	1350
WIDTH (mm)	700	1100	1300
LENGTH (mm)	1900	2000	2000