

# VP1350W and VP800W

## Gas Freeing Fans

### VP1350W



#### Description

Gas freeing onboard ship is carried out for various reasons; change of cargo, health and safety and tank maintenance are but a few. It is essential that this is carried out efficiently and safely. Our range of fans competently achieve these aims and are well respected in the marine market. A full range of ancillary equipment is also available.

The VP1350W and VP800W are high performance, water driven axial flow gas freeing fans. The non-sparking fans offered as either medium or high flow, can achieve deep penetration suitable for all types of crude oil and product tankers.

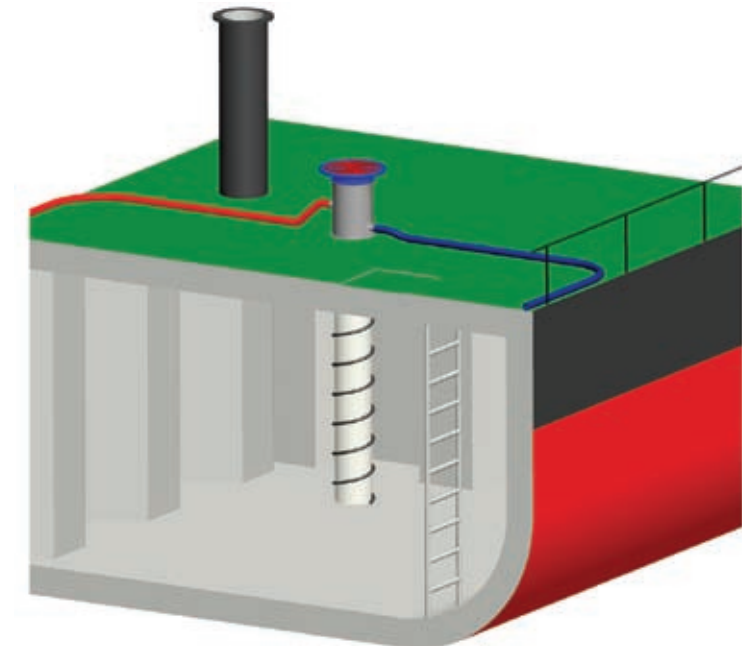
#### Key Features

- ▶ Designed and Class Approved for use in hazardous areas.
- ▶ Supply or Extract mode by simple reversal;
- ▶ Integral 'Direct In-Line' drive, no gearbox to maintain or fail;
- ▶ Alternative deck flanges and fan connections available.

#### Ancillary Equipment Available

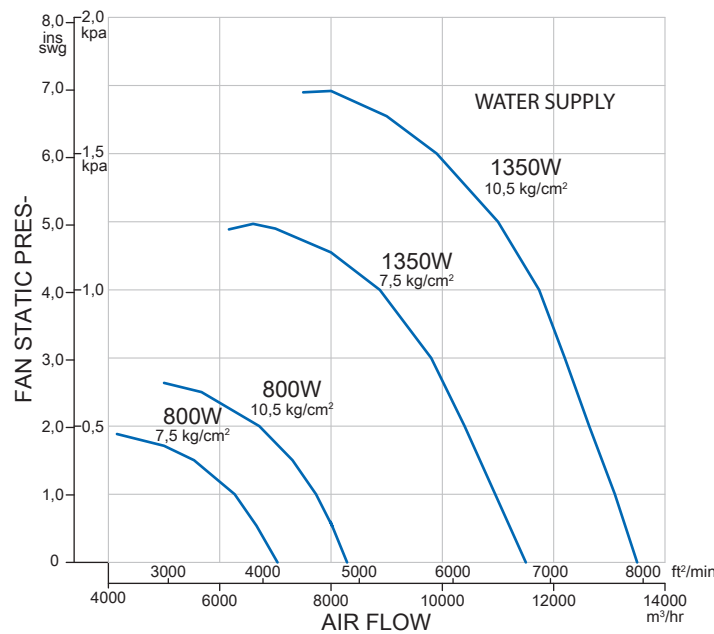
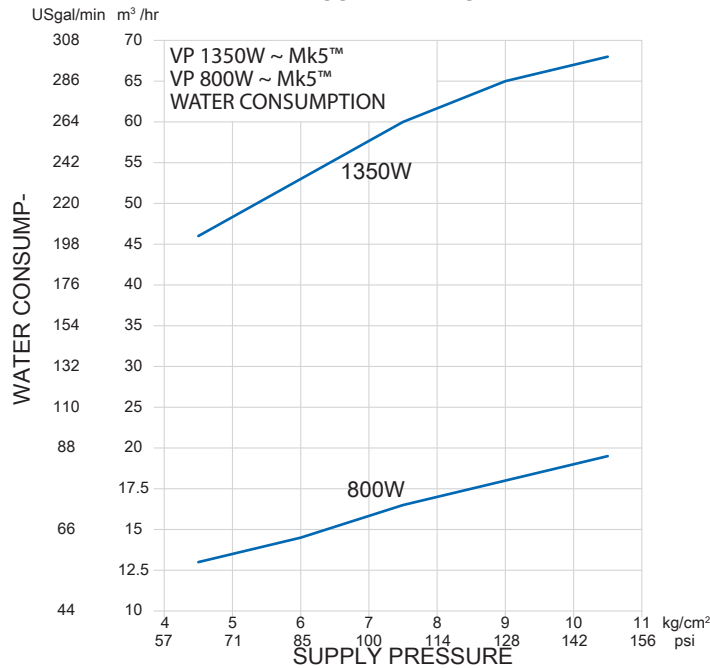
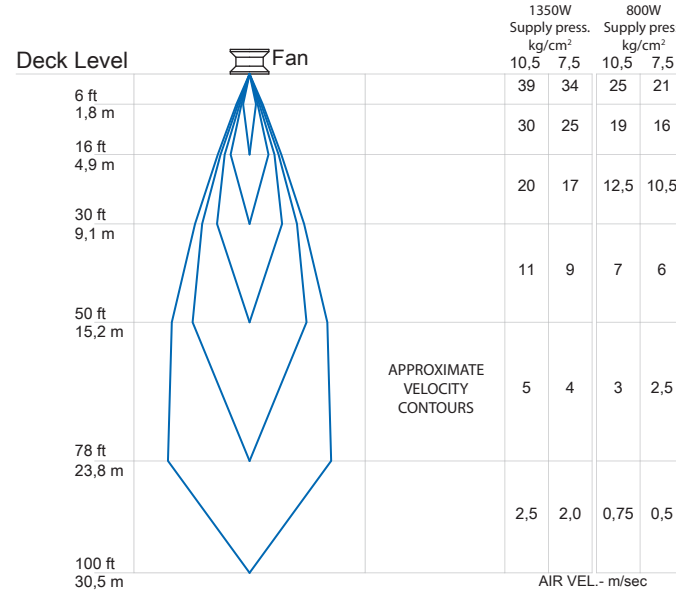
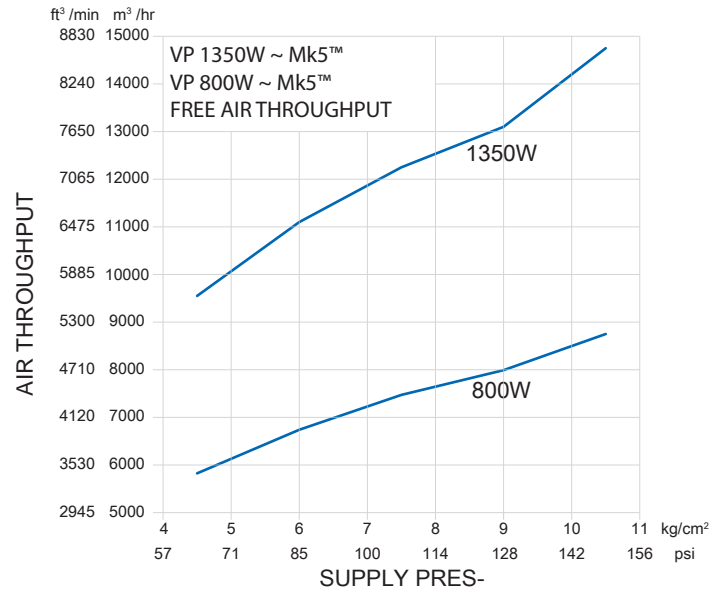
- ▶ Layflat and rigid hoses;
- ▶ Ducting;
- ▶ Various fittings and adaptors;
- ▶ Transport trolley.
- ▶ Please see separate 'Ancillaries' information sheet for details.

#### Typical Installation



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		VP1350W	VP800W
Max air flow	m³/hr cu.ft./min	14400 8470	8400 4940
Air velocity	m/s ft/s	5.0 @ 25mtr below deck 16.4 @ 82ft below deck	3.1 @ 25mtr below deck 10.2 @ 82ft below deck
Static pressure			
Max	Kpa ins/swg	1.7 7	0.72 2.91
Operational	m³/hr	13000 @ 500Pa	8000 @ 250Pa
Water flow capacity	m³/hr	47 to 68	13 to 19
Operating pressure			
Max	kg/cm²	10.5	
Optimum	kg/cm²	5 to 10.5	
Materials		Aluminium Alloy	
Casing		Bronze	
Connections		AISI 304 & 316 St/St	
Fastenings		Ali Chrome or Hard Anodised	
Corrosion protection			
Lubrication		'Sealed for Life' grease lubricated bearings	
Installation			
Min deck opening	Ø	260mm (10.3")	
Std deck flange to suit	Ø	318mm (12.6") 'Butterworth' Deck Opening	
Water connections		1 ½", 2" BSP or 2 ½" ANSI Male Thread	
Weight			
Operational	kgs	38	
Packed	kgs	39	

The manufacturers reserve the right to alter the specification and data to incorporate improvements in design. Certified drawings will be issued on request.

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