

### VP1350W



On board ship gas freeing is carried out for various reasons, change of cargo, health and safety and tank maintenance is a few but it is essential that it is done efficiently and safely. All of our fans competently achieve these aims and are well respected in the marine market when used with our range of ancillaries.

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

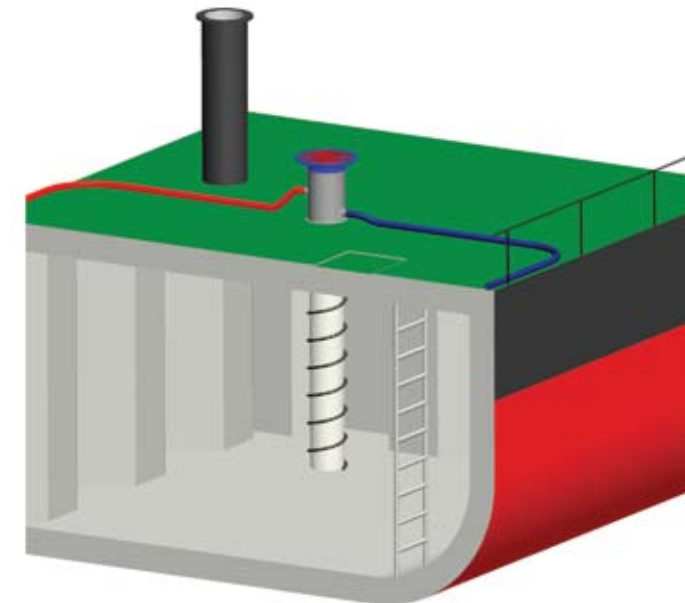
- ▶ Designed and Class Approved for use in Hazardous Areas. Supply or Extract mode by simple reversal.
- ▶ Integral 'Direct In-Line' drive, no gearbox to maintain or fail.
- ▶ Alternative deck flanges and Fan connections available.

#### Ancillary equipment available

Layflat and Rigid Hoses, Ducting, Various Fittings and Adaptors, Transport Trolley.

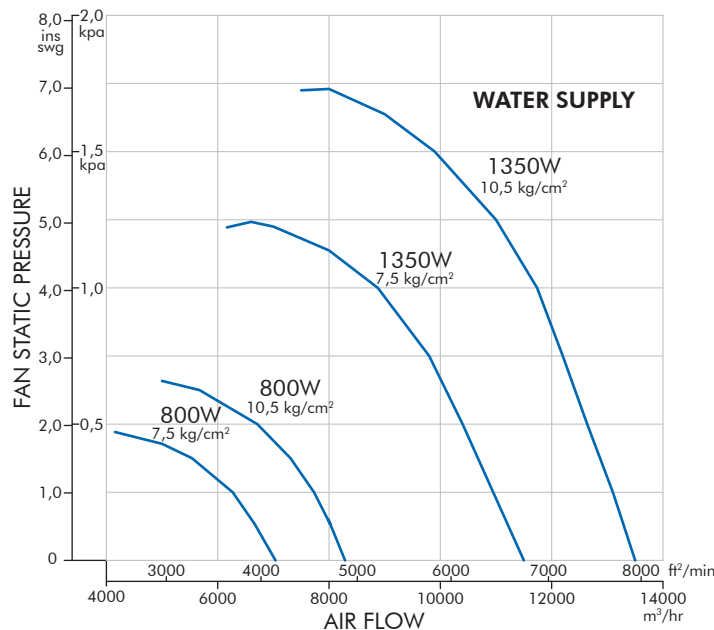
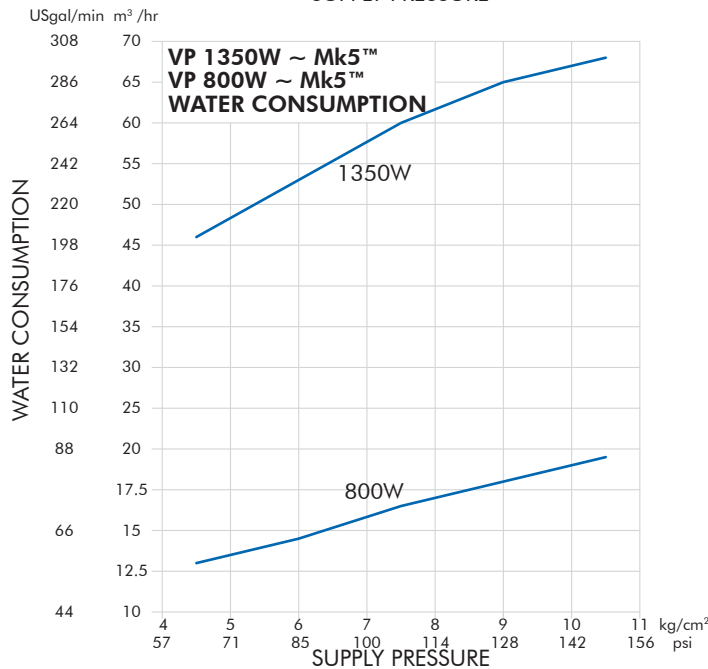
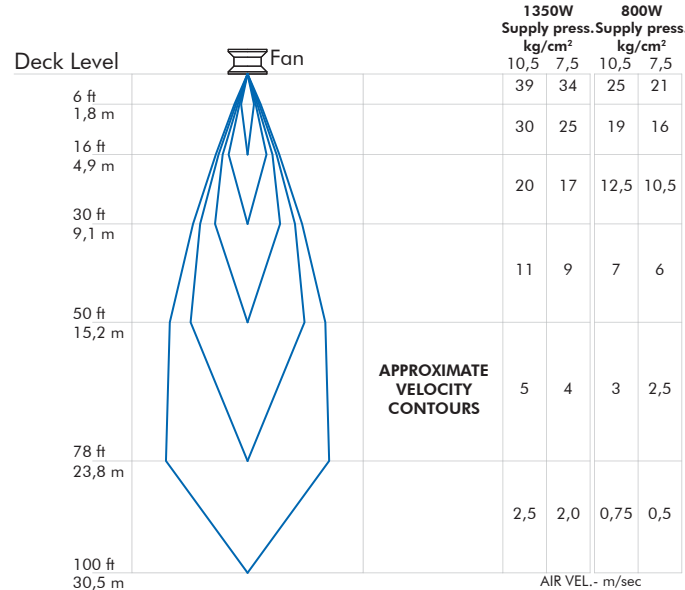
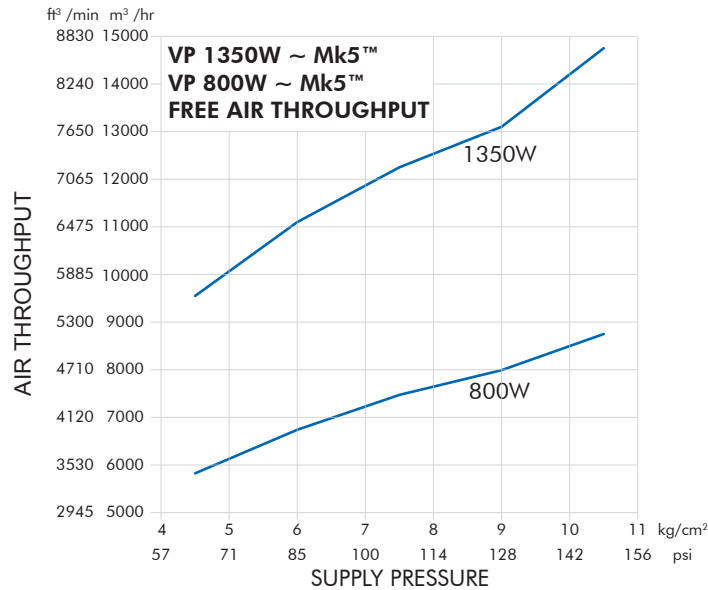
Please see separate information sheet for details.

#### Typical installation



# VP1350W and VP800W

## Gas Freeing Fans



		VP1350W	VP800W
<b>Max air flow</b>	m³/hr	14400	8400
	cu.ft./min	8470	4940
<b>Air velocity</b>	m/s	5.0 @ 25mtr	3.1 @ 25mtr
		below deck	below deck
	ft/s	16.4 @ 82ft	10.2 @ 82ft
	below deck	below deck	
<b>Static pressure</b>			
Max	Kpa	1.7	0.72
	ins/swg	7	2.91
Operational	m³/hr	13000 @500Pa	8000 @250Pa
<b>Water flow capacity</b>		m³/hr	
		47 to 68	13 to 19
<b>Operating pressure</b>			
Max	kg/cm²	10.5	
Optimum	kg/cm²	5 to 10.5	
<b>Materials</b>			
Casing		Aluminium Alloy	
Connections		Bronze	
Fastenings		AISI 304 & 316 St/St	
Corrosion protection		Ali Chrome or Hard Anodised	
<b>Lubrication</b>		'Sealed for Life' grease lubricated bearings	
<b>Installation</b>			
Min deck opening	Ø	260mm (10.3 inches)	
Std deck flange to suit	Ø	ID 318mm with 10 x 23mm Holes on a 389mm PCD	
Water connections		1 1/2" or 2" BSP or 2 1/2" ANSI Male thread	
<b>Weight</b>			
Operational	kgs	34.5	
Packed	kgs	40	

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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