

### VP950AS

#### 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 done 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 VP850A and VP950AS are high performance air driven fans in either Stainless Steel or Aluminium Alloy. The non-sparking fans can achieve deep penetration suitable for all types of crude oil, chemical 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;
- ▶ Standard 'Claw' Coupling.

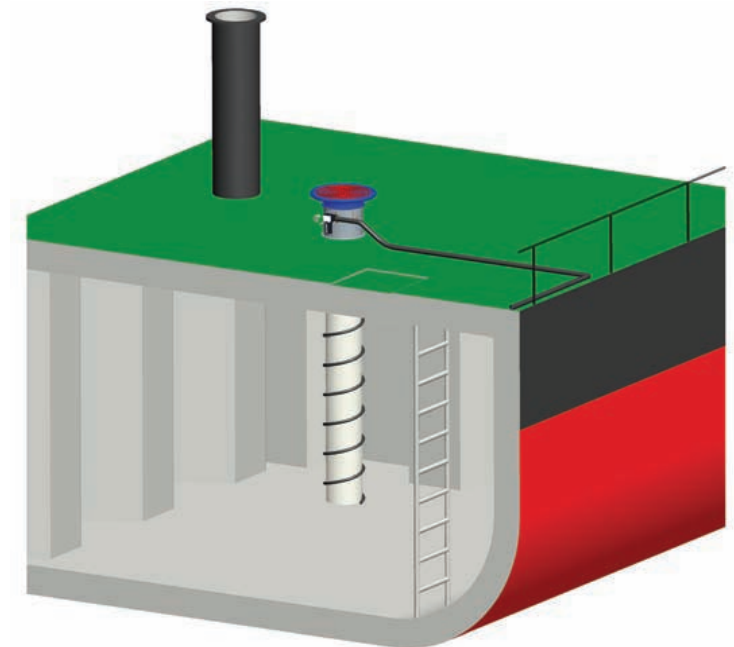
#### Ancillary Equipment Available

- ▶ Layflat and rigid hoses;
- ▶ Ducting;
- ▶ Various fittings and adaptors;
- ▶ Transport trolley.

Please see separate 'Ancillaries' information sheet for details.

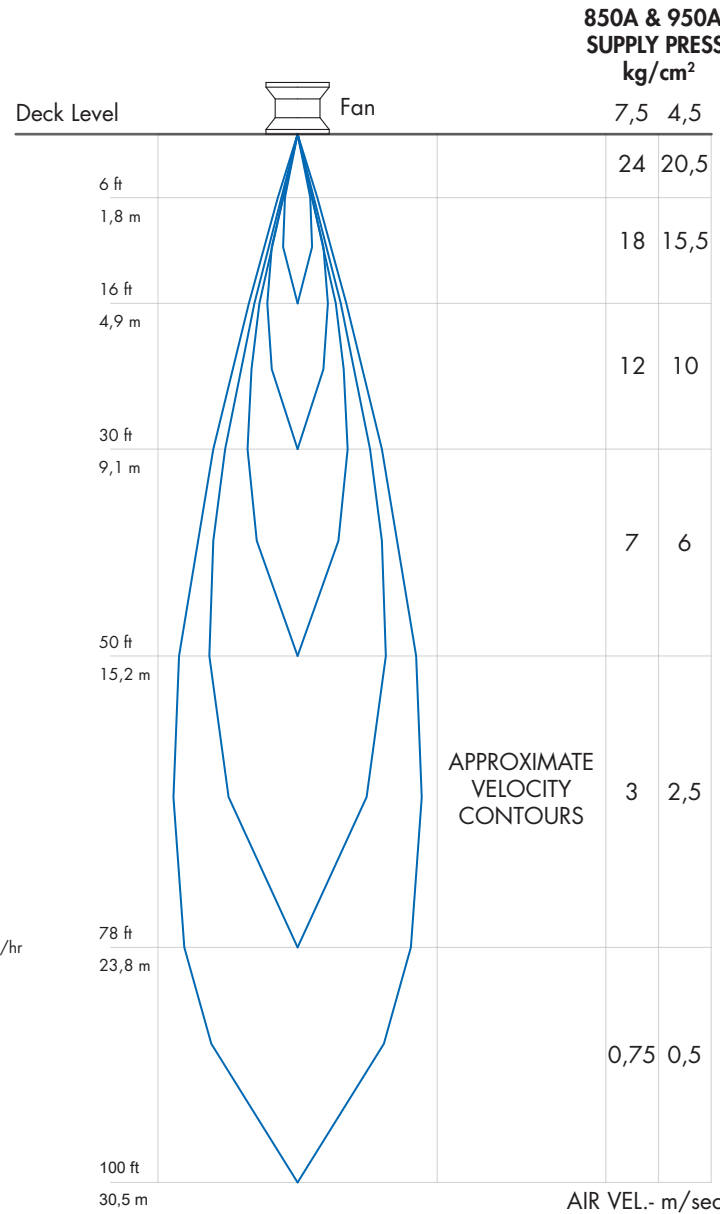
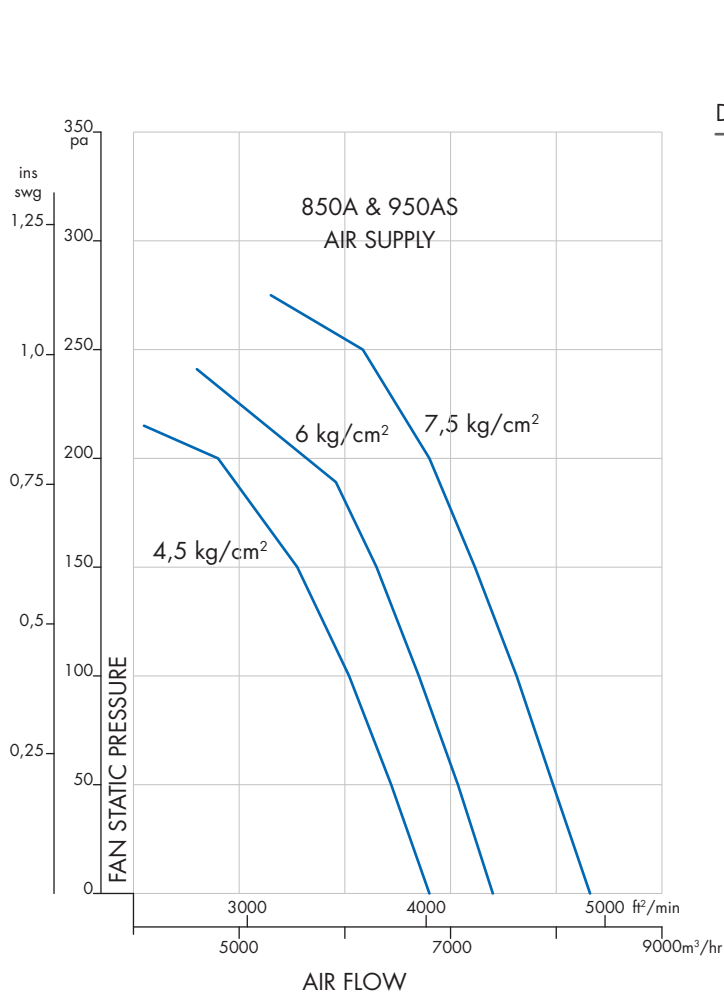


#### Typical Installation



# VP850A and VP950AS

## Air Driven Gas Freeing Fans



		VP850A	VP950AS
		Aluminium Alloy	Stainless Steel
<b>Max air flow</b>	m³/hr	8500	8700
	cu.ft/min	5000	5120
<b>Air velocity</b>	m/s	3.0 @ 25mtr	3.2 @ 25mtr
		below deck	below deck
	ft/s	9.9 @ 82ft	10.5 @ 82ft
		below deck	below deck
<b>Static pressure</b>			
Max	Pa	280	
	ins/swg	1.5	
Operational	m³/hr	6000 @ 50Pa	
<b>Air flow requirement</b>			
	m³/hr	182-220	
	cu.ft/min	108-128	
<b>Operating pressure</b>			
Max	kg/cm²	7.5 (110psi)	
Optimum	kg/cm²	5-7.5 (70-110psi)	
<b>Materials</b>			
Casing		Aluminium Alloy, Nickel Coated	
Fastenings		AISI 304 & 316 St/St	
Connections		Plated Malleable Iron	
<b>Lubrication</b>		'Sealed for Life' lub-less Air Motor	
<b>Installation</b>			
Min deck opening	Ø	260mm (10.3")	
Std deck flange to suit	Ø	318mm (12.6")	
Air connection		'Butterworth' Deck Opening 3/4" Std QA 'Claw' Coupling	
<b>Weight</b>			
Operational	kgs	29	24
Packed	kgs	30	25

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

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