

# VERDERAIR

## VA-2H25 SB

The VA-2H25 SB is a hygienic designed electrical or air operated double diaphragm pump. With the wide range of materials for valve seats, ball valves and diaphragms, this pump is the ideal problem solver for numerous hygienic applications. The VA-2H series is used where a high degree of food safety is required. The VA-2H is a reliable, easy to operate pump.



### Your benefits

- Most hygienic design for food applications
- Efficient engineered design which reduces the risk of contamination (low amount of products which come into contact with the medium)
- A high quality product with best price-performance ratio
- Can run against closed discharge valve without the need of overpressure safety equipment
- Dry self-priming

Technical Data			
Weight (kg)	Ball version	22,9	
Suction lift (mWc)	dry	3	
	wet	9,1	
Temperature limits internals (°C)	PTFE	-12	82
	PTFE overmold diaphragms	-40	135
		-18	82
		4	104
		4	82
		-40	82
Max. particle size (mm)	Ball versions	10,7	
Max. viscosity (mPas)		10000	
Fluid displacement/cycle (litres)	Ball versions	0,64	
Certifications	All models	TO, TS with TF valves	CE / FDA
	Internals diaphragms	TS with TF valves	EN1935/2004 USP class VI
* The maximum temperature listed is based on the ATEX standard for T4 temperature classification.			

Code VA-2H25 No.1 No.2 No.3 No.4 No.5 No.6 No.7 No.8			
<b>No. 1 Fluid Section Material</b> X = 316 Stainless Steel, Ra : 0,8µm Y = 316 Stainless Steel, Ra : 0,5µm	<b>No. 4 Check ball valves material</b> TF = PTFE		<b>No. 6 Connections</b> T2 = Tri-Clamp (ASME BPE), 1"
<b>No. 2 Air Section Material</b> S = 316 Stainless Steel E = 316 Polished Stainless Steel	<b>No. 5 Diaphragm material</b> TO = PTFE/EPDM overmolded TS = PTFE/Santoprene 2 piece		<b>No. 7 Pump Style</b> SB = Ball valve execution
<b>No. 3 Check Valve seat material</b> ST = SS seat with EP-TF o-rings			<b>No. 8 Wetted material certifications</b> 21 = EN 10204 type 2.1 31 = EN 10204 type 3.1

NOTE not all combinations are available

II 2 GD IIA T6...T3 Gb X h IIIB T160°C Db EN 1935/2004

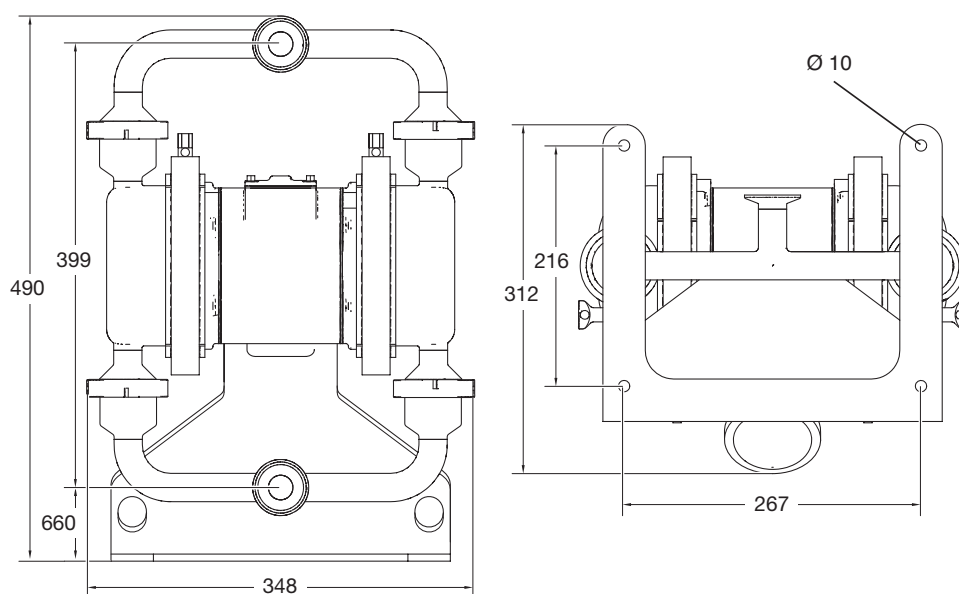
EXAMPLE PUMP TYPE

VA-2H25XS ST TF TS T2 SB 21

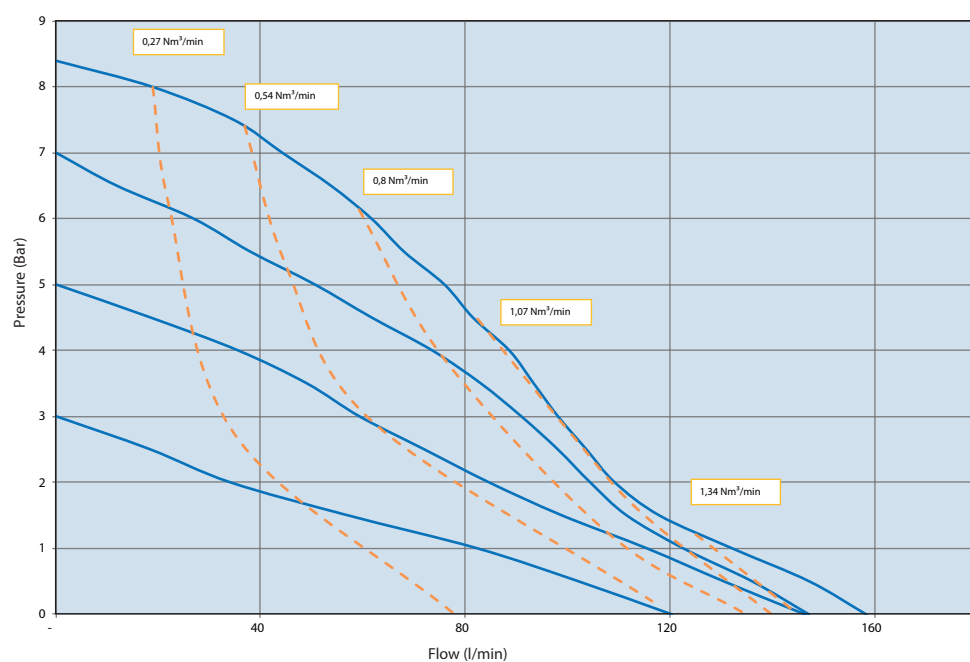
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### Dimensions (mm)



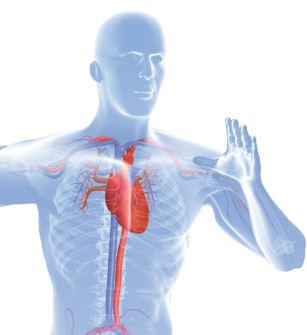
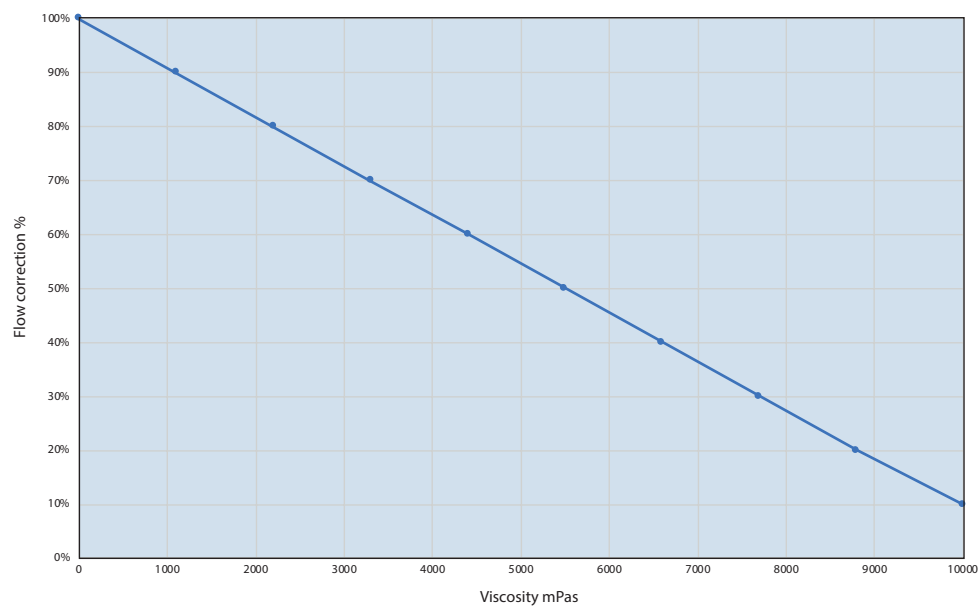
### Flow rate / air consumption



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**Viscosity correction curve**



*Find your local supplier at [www.verderliquids.com](http://www.verderliquids.com)*

*For construction, installation and floor mounting drawings  
please contact your local authorised Verderair® distributor.*