VERDER**AIR®**

Verderair VA25 (HE) metallic

Description

The VA25 (HE)metallic double diaphragm pumps are excellent pumps for use in a wide range of applications across many industries. Those pumps are using the modern technology to make them the most effcient on the market! The air section is available in aluminium or plastic, the pump body in 3 different materials and there are 9 different materials available for the diaphragms. This makes it possible to select the best solution for your application.

Your benefits

- → Energy efficient
- 🔺 Less downtime
- Easy to install, operate and maintain
- → Ant-ice muffler
- Free of air lubrication
- → Non-stalling air valve
- Can run-dry without damage
- → Dry self-priming

AA23Weight [lb]SP36.3Weight [lb]SC37.3SA41.41.0Max. suction lift [ft]Dry16Max. suction lift [ft]Hid section70Image: Same section sectio	Technical data				
Weight [lb]Fluid & air sectionSC37.3SA41.441.0HC41.0Max. suction lift [ft]Dry16Max. suction lift [ft]Fluid sectionInternalsFluid sectionInternals29All materialsAC, BN10180GE-4015010Image: SP10225Image: SP40150Image: SP-40180Image: SP-40225Image: SP-40180Image: SP-40180Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-4020Image: SP-40 <td rowspan="5">Weight [lb]</td> <td rowspan="5">Fluid & air section</td> <td>AA</td> <td>23</td> <td></td>	Weight [lb]	Fluid & air section	AA	23	
SA41.4HC41.0Max. suction lift [ft]Dry16Max. suction lift [ft]Yet29All actionInternalsAll materialsAC, BN10180GE-40150HY-20150Immerature [F]KY10225Immerature [F]NO, NW, NE0180Fermionerature [F]SP-40180Immerature [F]TF39220Immerature [F]TO39180Immerature [F]TO39180Immerature [F]To-40275*Immerature [F]To-40275*			SP	36.3	
HC41.0Max. suction lift [ft]Dry16Wet29			SC	37.3	
Max. suction lift [ft]Dry16Wet29Fluid sectionAll materialsAC, BN10180GE-40150HY-20150HY-20150KY10225NO, NW, NE0180PP32150SP-40180TF39220To39180VT-40275*Max. Particle size [in]			SA	41.4	
Max. suction lift [ft] Wet 29 Fluid section Internals In			HC	41.0	
Wet 29 Fluid section Internals All materials AC, BN 10 180 GE -40 150 HY -20 150 KY 10 225 NO, NW, NE 0 180 PP 32 150 SP -40 180 Temperature [F] Fluid section SP NO, NW, NE 0 180 To 39 220 To 39 180 VT -40 275* Max. Particle size [in] UT -40	Max suction lift [ft]		Dry	16	
All materials AC, BN 10 180 GE -40 150 HY -20 150 Comportance KY 10 225 NO, NW, NE 0 180 PP 32 150 SP -40 180 Temperature [F] SP -40 180 Max. Particle size [in] TF 39 220			Wet	29	
GE -40 150 HY -20 150 KY 10 225 NO, NW, NE 0 180 PP 32 150 SP -400 180 TF 39 220 TO 39 180 VT -40 275*	Temperature [F]	Fluid section	Internals		
HY -20 150 Femperature [F] KY 10 225 NO, NW, NE 0 180 PP 32 150 SP -40 180 TF 39 220 TO 39 180 VT -40 275*		All materials	AC, BN	10	180
KY 10 225 Temperature [F] NO, NW, NE 0 180 PP 32 150 SP -40 180 TF 39 220 TO 39 180 VT -40 275*			GE	-40	150
No, NW, NE 0 180 PP 32 150 SP -40 180 TF 39 220 TO 39 180 VT -40 275*			HY	-20	150
PP 32 150 SP -40 180 TF 39 220 TO 39 180 VT -40 275*			KY	10	225
SP -40 180 TF 39 220 TO 39 180 VT -40 275*			NO, NW, NE	0	180
TF 39 220 TO 39 180 VT -40 275* Max. Particle size [in] 0.13 (1/8)			PP	32	150
TO 39 180 VT -40 275* Max. Particle size [in] 0.13 (1/8)			SP	-40	180
VT -40 275* Max. Particle size [in] 0.13 (1/8)			TF	39	220
Max. Particle size [in] 0.13 (1/8)			ТО	39	180
			VT	-40	275*
Max. recommended viscosity (mPas) 10000	Max. Particle size [in]			0.13 (1/8)	
	Max. recommended viscosity (mPas)			10000	

* in non explosive environments 360 F is possible

Verderair VA25 (HE) metallic

Code VA25 No.1 No.2 No.3 No.4. No.5 No.6 No.7

No.1 Fluid section

 A = Aluminium
 S = Stainless Steel
 H = Hastelloy
 No.2 Air section
 A = Aluminium
 C = Conductive Polypropylene P = Polypropylene

No.3 Check valve seats

- AC = Acetal AL = Aluminium
- BN = Buna-N
- GE = Geolast
- HY = Hytrel (TPE)
- KY = Kynar (PVDF)
- PP = Polypropylene
- SP = Santoprene

example pump type VA25AA AL GE GE TB OO

NOTE not all combinations are available

SS = Stainless Steel VT = Viton (FKM)

No. 4 Check valve balls AC = Acetal

BN = Buna-N GE = Geolast HY = Hytrel (TPE) SP = Santoprene SS = Stainless Steel VT = Viton (FKM) TF = PTFE NE = Neoprene NW = Neoprene Weighted

No.5 Diaphragms

- BN = Buna-N
- GE = Geolast

TN = Threaded NPT
No. 7 Options

HY = Hytrel (TPE)

NO = Neoprene overmolded

TO = PTFE/EPDM overmolded

TF = PTFE/EPDM 2 piece

NE = Neoprene

SP = Santoprene

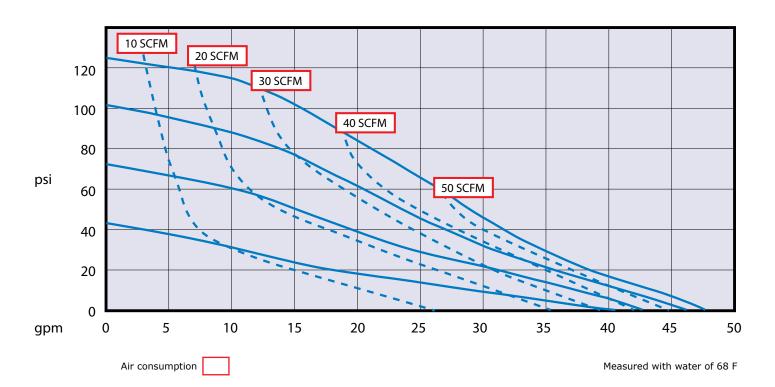
VT = Viton (FKM)

No. 6 Connections TB = Threaded BSP

00 = Standard

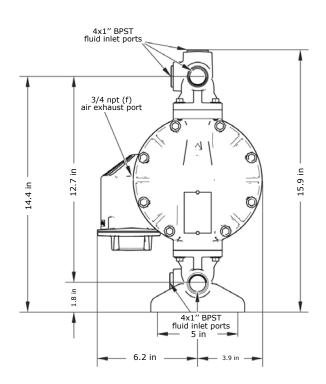
- RE = Remote
- SS = Stroke sensor
- UL = UL listed (only VA25AA)

₩ II 2 GD c IIC T4

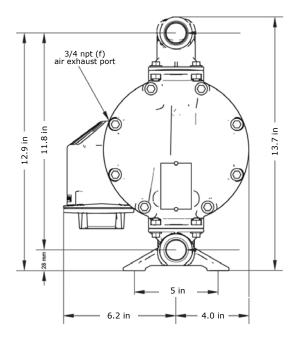


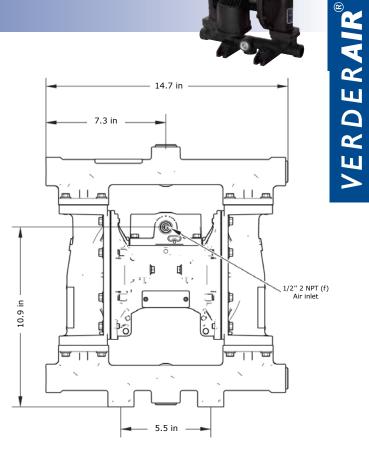
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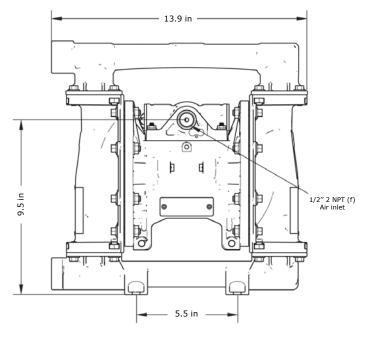
VA 25 aluminium



VA 25 stainless steel







All dimensions are in inches. All dimensions are for guidance only.



Find your local supplier at www.verderair.com

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

