

VPSA N2 Generator

VAN CA technology
AMERONGEN

a 100% Van Amerongen product



- Oil free N2 production for a lifetime high capacity
- Low pressure system < 1,0 bar, maintenance friendly
- Circulation & injection system for a rapid pull-down

VA makes the difference

VAN CA technology
AMERONGEN



The flow indicator on the outlet side has a valve to manually adjust the flow. You can read the flow by the level of the floater in the transparent tube. You can connect measuring equipment to the tap to measure and check the purity.



Controlled by Siemens PLC display easy to use and programmable.



The advantage of injection is that a room can be kept at slight over-pressure so that ULO conditions (ultra low oxygen, <3%) are even possible in a storage area with a minor leak.

(ask your coldstore constructor or Van Amerongen for further advice). With the VPSA, you can switch between injecting high / low and circulating at any given moment.



The oil-free blower used in our VPSAs ensures that the active carbon is not contaminated by residual oil in combination with low pressure, resulting in its life-expectancy more than doubling. Life span carbon (CMS) > 10 years.



Scan and see how it works



The process can be followed visually on the pressure gauges.

VP SA N² Generator

- Oil free N₂ production for a lifetime high capacity
- Low pressure system < 1,0 bar, maintenance friendly
- Circulation & injection system for a rapid pull-down



Type	(Injection) Capacity (Sm ³ h ⁻¹) 1 - 3% res. O ₂	(Circulation) Capacity (Sm ³ h ⁻¹) circ. mode	Power (kW / Hp)	Noise (dB)	Dimensions W x D x H (cm)	Weight (kg)	N ₂ output (mm)
VP SA 06	4 - 6	6	2,6 / 3,5	73	110 x 80 x 200	350	20 pillar / 50 pvc
VP SA 11	7 - 11	11	2,6 / 3,5	75	110 x 80 x 200	410	20 pillar / 50 pvc
VP SA 16	11 - 16	16	3,6 / 4,9	75	110 x 80 x 200	520	20 pillar / 50 pvc
VP SA 21	15 - 21	21	5,4 / 7,3	76	145 x 120 x 210	790	20 pillar / 50 pvc
VP SA 28	19 - 27	27	6,4 / 8,7	77	145 x 120 x 210	840	20 pillar / 50 pvc
VP SA 40	27 - 39	39	9,8 / 13,3	81	145 x 120 x 210	1.025	50 pvc
VP SA 60	40 - 58	58	13,9 / 18,9	82	150 x 127 x 210	1.365	50 pvc
VP SA 85	55 - 85	85	22 / 29,9	87	192 x 155 x 215	2.300	75 pvc