

# VS SERIES

VS suction units	VS 300 S	VSA 300 S <sup>6</sup>	VS 600	VS 600	VS 900 S	VS 900 S	VS 1200 S
<b>Voltage (V)</b>	230 (1~)	230 (1~)	230 (1~)	400 (3~)	230 (1~)	400 (3~)	400 (3~)
<b>Frequency (Hz)</b>	50 - 60	50	50	50 - 60	50	50	50
<b>Electrical output (kW)</b>	0.58 - 0.8 <sup>1</sup>	0.58	1.1	1 - 1.42 <sup>1</sup>	1.68	1.97	2.0
<b>Current consumption (A)</b>	2.9 - 3.7 <sup>1</sup>	2.9	5.0	1.8 - 4.0 <sup>1</sup>	7.4	6.3/3.6	3.8
<b>Vacuum mbar (hPa)</b>	180	180	170 (NLV) <sup>2</sup>	170 (NLV) <sup>2</sup>	170 (NLV) <sup>2</sup>	170 (NLV) <sup>2</sup>	170 (NLV) <sup>2</sup>
<b>Number of operators</b>	1	1	2	2	3	3	4
<b>Number of rooms at 60 % at same time</b>	1 - 2	1	3	3	5	5	6 <sup>5</sup>
<b>Max. flow rate (l/min)</b>	4	5	10	10	16	16	24
<b>Dimensions without housing (H x W x D cm)</b>	37 x 31 x 31	48 x 31 x 31	50 x 42 x 41	50 x 42 x 41	52 x 41 x 42	52 x 41 x 42	52 x 41 x 42
<b>With housing (H x W x D cm)</b>	51 x 36 x 36	51 x 36 x 36	65 x 49 x 53	65 x 49 x 53	55 x 49 x 53	55 x 49 x 53	55 x 49 x 53
<b>Weight without housing (kg)</b>	12,5	14	25	25	34	33	33
<b>With housing (kg)</b>	20	21.5	45	45	54	52	52
<b>Noise level<sup>3</sup> without housing [dB(A)]</b>	Approx. 63 - 65 <sup>1</sup>	Approx. 63	Approx. 63	Approx. 63 - 68 <sup>1</sup>	Approx. 65	Approx. 65	Approx. 66
<b>With housing [dB(A)]</b>	Approx. 54 - 56 <sup>1</sup>	Approx. 54	Approx. 55	Approx. 55 - 59 <sup>1</sup>	Approx. 58	Approx. 58	Approx. 59
<b>Separation efficiency (%)<sup>4</sup></b>	With CA 1: 97.9	97.5	With CA 4: 98.9	With CA 4: 98.9	With CA 4: 98.9	With CA 4: 98.9	With CA 4: 98.9
<b>Quality mark</b>	Z 64.1-20	Z 64.1-15	Z 64.1-22	Z 64.1-22	Z 64.1-22	Z 64.1-22	Z 64.1-22

<sup>1</sup> The value ranges result from the power frequency 50 - 60 Hz. <sup>2</sup> AAV = auxiliary air valve. <sup>3</sup> The noise level depends on the installation room. In a reverberant room (e.g. tiled walls) the noise level may be higher. <sup>4</sup> Separation rates measured by the TÜV [technical monitoring authority] Essen in accordance with the German standard test at maximum rate of fluid flow. <sup>5</sup> For up to 5 rooms, one CA 4 is required; for 6 rooms, two CA 4s are required. The total water flow for one CA 4 may not exceed 16 l/min! <sup>6</sup> Effective volume of collector vessel = approx. 150 cm<sup>3</sup>, replacement interval of 6 - 9 months