

The technology at a glance

DÜRR COMBINATION SUCTION UNITS

	VS 300 S 7122-01	VSA 300 S 7125-01	VS 600 7128-01	VS 600 7128-02	VS 900 7133-01	VS 900 7133-02
Voltage (V)	230 (1~)	230 (1~)	230 (1~)	400 (3~)	230 (1~)	400 (3~)
Frequency (Hz)	50 - 60	50	50	50 - 60	50	50
Electrical power (kW)	0.58 - 0.8 ¹	0.58	1.1	1 - 1.42 ¹	1.48	1.52
Current consumption (A)	2.9 - 3.7 ¹	2.9	5.0	1.8 - 2.3 ¹	6.5	2.5
Vacuum mbar (hPa)	180	180	170 (AAV) ²	170 (AAV) ²	170 (AAV) ²	170 (AAV) ²
No. of treatment chairs	1	1	2	2	3	3
No. of treatment rooms at 60 % simultaneous use	1 - 2	1 - 2	3	3	5	5
Max. fluid throughflow rate (l/min)	4	5	10	10	16	16
Effective volume collection vessel (cm ³)	-	approx 150	-	-	-	-
Exchange interval (months)	-	6 to 9	-	-	-	-
Dimensions without housing (HxWxD,cm)	37 x 31 x 31	48 x 31 x 31	50 x 42 x 41	50 x 42 x 41	55 x 42 x 41	55 x 42 x 41
Dimensions with housing (HxWxD,cm)	51 x 36 x 36	51 x 36 x 36	65 x 49 x 53	65 x 49 x 53	70 x 49 x 53	70 x 49 x 53
Weight without housing (kg)	12.5	14	25	25	35	35
Weight with housing (kg)	20	21.5	45	45	55	55
Noise level ³ without housing (db[A])	approx 63 - 65 ¹	approx 63	approx 63	approx 63 - 67 ¹	approx 64	approx 64
Noise level ³ with housing (db[A])	approx 54 - 56 ¹	approx 54	approx 55	approx 55 - 59 ¹	approx 58	approx 58
Separation rate (%) ⁴	with CA 1: 97.9	97.5	with AZ 100: 98	with AZ 100: 98	with AZ 100: 98	with AZ 100: 98
Test mark	Z 64.1-20	Z 64.1-15	Z 64.1-1	Z 64.1-1	Z 64.1-1	Z 64.1-1

1 Performance range is directly related to operating frequency of 50 – 60 Hz.

2 AAV= auxiliary air valve

3 The noise level depends on the room where the suction unit is installed. In a reverberant room (e.g. tiled walls) the noise level may be higher.

4 Separation rates measured by the TÜV [technical monitoring authority] Essen in accordance with the German standard test at maximum rate of fluid flow.

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