

## VEL-M series

Multi stage ejectors, to 5700 l/min, max. 90 % vacuum



Reference	Size (mm)	Supply port (inch)	Vacuum port (inch)	Exhaust port (inch)	Air consumption (l/min)*	Max vacuum flow rate (l/min)
VEL-165-63-90	182*67*33.5	G 1/4	G 1/2	G 1/2	63	165
VEL-320-126-90	182*67*33.5	G 1/4	G 1/2	G 1/2	126	320
VEL-440-193-90	182*67*51.5	G 1/4	G 1/2	G 1/2	193	440
VEL-590-240-90	182*67*51.5	G 1/4	G 1/2	G 1/2	240	590
VEL-700-240-90	250*97*47	G 3/8	G 1	G 1	240	700
VEL-1400-500-90	250*97*65	G 3/8	G 1 1/2	G 1 1/2	500	1400
VEL-2500-1000-90	250*195*74	G 3/8	G 2	2xG 1 1/2	1000	2500
VEL-3800-1500-90	250*196*95	G 1/2	G 2	2xG 1 1/2	1500	3800
VEL-5700-2250-90	250*295*95	G 1/2	G 2	3xG 1 1/2	2250	5700

\* - at 4 bar

Evacuation time (s/l) to reach different vacuum levels

Reference	10%	20%	30%	40%	50%	60%	70%	90%
VEL-165-63-90	0.046	0.16	0.36	0.7	1.2	2	2.8	18
VEL-320-126-90	0.023	0.08	0.18	0.35	0.6	1	1.5	9
VEL-440-193-90	0.016	0.05	0.12	0.22	0.35	0.61	0.87	5.5
VEL-590-240-90	0.012	0.036	0.09	0.18	0.28	0.48	0.68	4.5
VEL-700-240-90	0.008	0.03	0.08	0.15	0.27	0.45	0.7	4
VEL-1400-500-90	0.004	0.02	0.04	0.08	0.13	0.25	0.35	2
VEL-2500-1000-90	0.002	0.01	0.02	0.04	0.07	0.13	0.18	1
VEL-3800-1500-90	0.0015	0.005	0.015	0.025	0.045	0.085	0.12	0.7
VEL-5700-2250-90	0.001	0.0034	0.01	0.017	0.03	0.057	0.08	0.47

Vacuum flow (l/min) at different vacuum levels

Reference	0%	10%	20%	30%	40%	60%	80%
VEL-165-63-90	165	88	51	24	18	9	3
VEL-320-126-90	320	176	102	48	36	18	6
VEL-440-193-90	440	260	155	74	55	28	8.5
VEL-590-240-90	580	350	210	98	75	37	11
VEL-700-240-90	700	480	240	108	58	40	13
VEL-1400-500-90	1400	980	480	220	120	80	27
VEL-2500-1000-90	2800	1960	960	440	240	160	54
VEL-3800-1500-90	3800	2590	1440	648	348	240	78
VEL-5700-2250-90	5700	3890	2160	972	522	360	117

### ENGLISH

#### Materials:

Housing: Anodized aluminium, nozzles: Brass, seals: Neoprene

#### Temperature range:

-20°C to +100°C

#### Operating pressure:

1 - 7 bar (optimum 4-6 bar)

#### Work noise (loaded / unloaded):

50 / 65 dB(A), as of VEL-700-240-90: 55 / 75 dB(A)

### NEDERLANDS

#### Materialen

Behuizing: Geanodiseerd aluminium, mondstukken: Messing, afdichtingen: Neopreen

#### Temperatuurbereik:

-20°C tot +100°C

#### Bedrijfsdruk:

1 - 7 bar (optimaal 4-6 bar)

#### Werklawaai (belast / onbelast):

50 / 65 dB(A), vanaf VEL-700-240-90: 55 / 75 dB(A)

### DEUTSCH

#### Werkstoffe:

Gehäuse: Aluminium eloxiert, Düsen: Messing, Dichtungen: Neopren

#### Temperaturbereich:

-20°C bis +100°C

#### Betriebsdruck:

1 - 7 bar (optimal 4-6 bar)

#### Arbeitsgeräusch (belastet / unbelastet):

50 / 65 dB(A), ab VEL-700-240-90: 55 / 75 dB(A)

### FRANÇAIS

#### Matériaux:

boîtier: aluminium anodisé, buses: laiton, joints: néoprène

#### Plage de température:

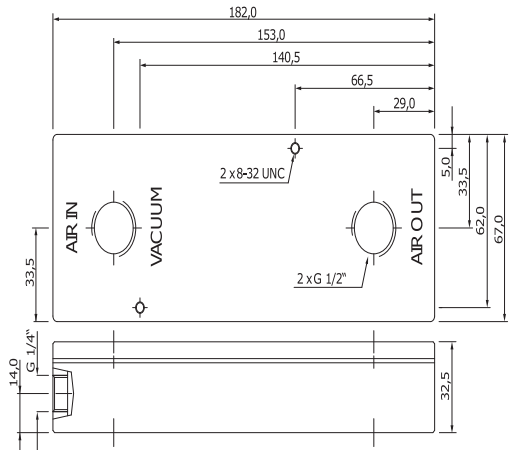
-20°C à +100°C

#### Pression de service:

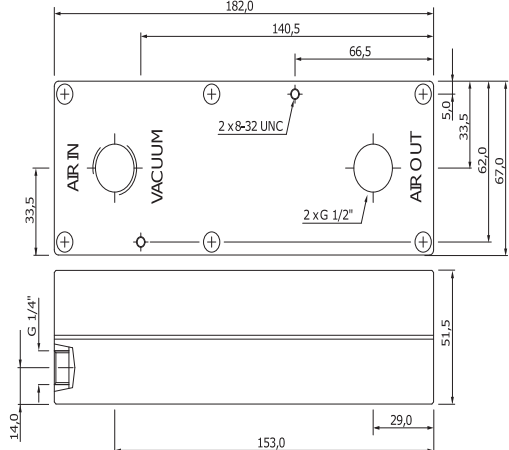
1 - 7 bar (optimal 4-6 bar)

#### Niveau sonore (en charge / hors charge):

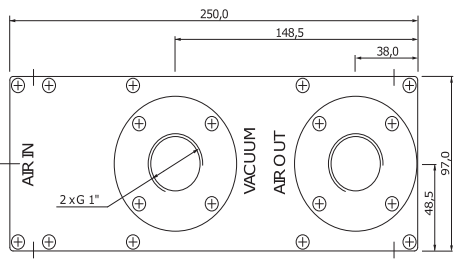
50 / 65 dB(A), à partir de VEL-700-240-90 : 55 / 75 dB(A)



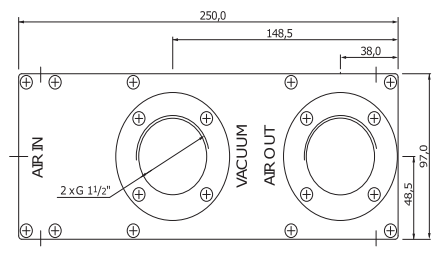
**VEL-165-63-90 / VEL-320-126-90**



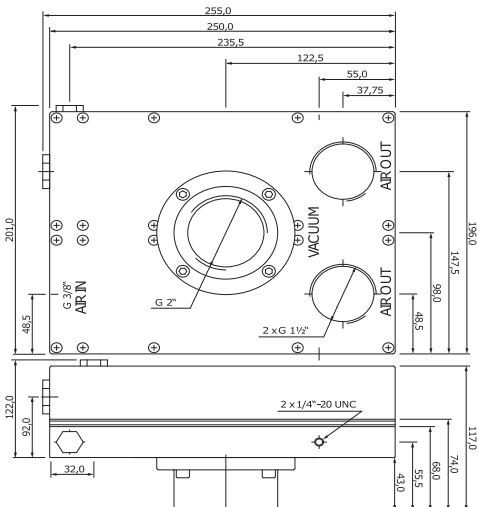
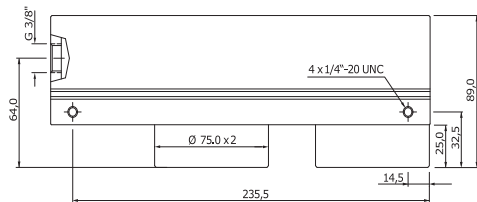
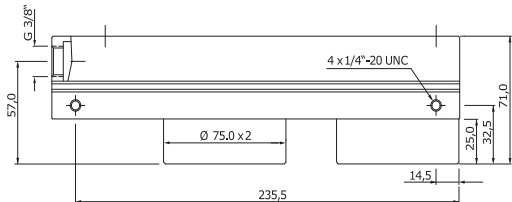
**VEL-440-193-90 / VEL-590-240-90**



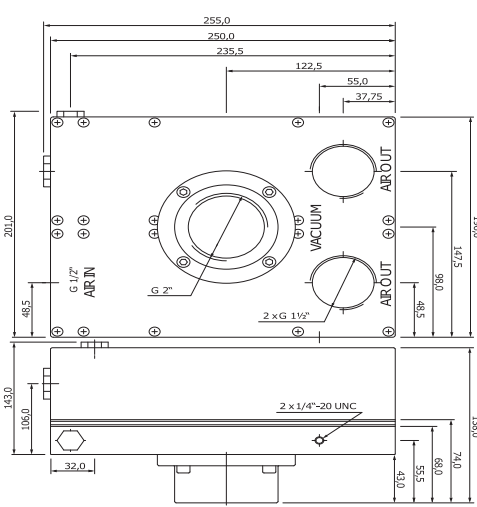
**VEL-700-240-90**



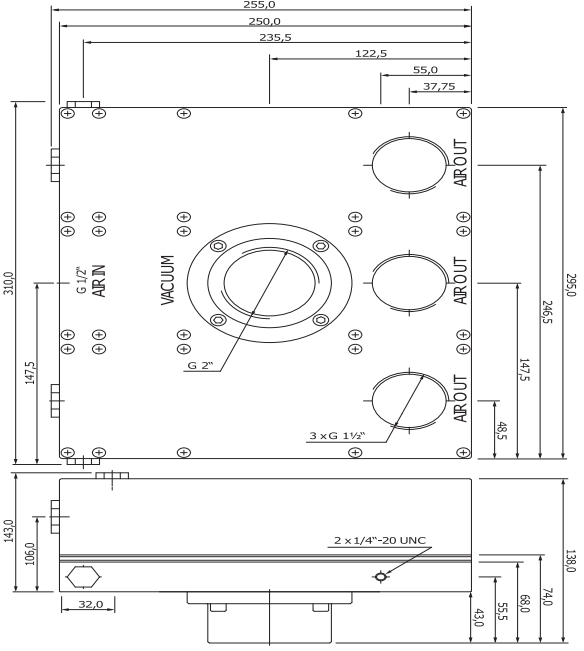
**VEL-1400-500-90**



**VEL-2500-1000-90**



**VEL-3800-1500-90**



VEL-5700-2250-90