

## Mega Pump

- Max. vacuum level* : **-27.17 inHg** (-92 kPa)
- Max. flow rate* : **510.6 scfm** (14460 NI/min)
- Supply air pressure* : **58~87 psi, max 101.5psi**  
(4~6bar, max 7bar)
- Supply air type* : Dry compressed air
- Working temperature* : -4 °F ~ 176 °F
- Noise level* : 68~76 dBA

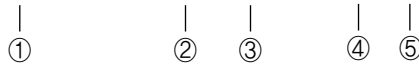


## Main Advantages

The largest compressed air-driven vacuum pump in the market place, that is comparatively compact and light weight. This pump is mainly used on applications where larger air volume is to be evacuated or to compensate for the leakage flow must remarkable application for this pump will be in conveying system for granules, transferring bulk materials and powder. This unit is complete with vacuum gauge, pressure gauge and mechanical ON/OFF valve as standard. Air saving kit, solenoid valve, non-return valve, and with VITON® or EPDM as seal options.

## Order No.

**VTML200 - 1 AS - N V**



① **Model** – Capacity equivalent to electricity motor pump size

- **VTML200** – 2KW
- VTML400 – 4KW
- VTML600 – 6KW
- VTML800 – 8KW
- VTML1000 – 10KW
- VTML1200 – 12KW

② **Vacuum port**

- **1** – Dry seal thread (NPT)
- No mark – BSP thread (G)

④ **Non return valve**

- No mark – Standard
- **N** – Non return valve

③ **Air saving kit**

- No mark – Standard
- **AS** – Air saving kit attach

⑤ **Sealing**

- No mark – Standard (NBR)
- **V** – Viton®
- E** – EPDM

### Characteristics

Model	max. vacuum (-inHg)	Max. vacuum flow (scfm)	air consumption (scfm)	noise level (dBA)	weight (oz.)	min hose inner Ø (within 6.5ft.)		
						air supply	vacuum	exhaust
VTML200	27.17	85,12	21,2–27,55	68–76	173,76	>10	>32	>40
VTML400		170,23	42,39–59,34	68–76	180,46	>12	>40	>60
VTML600		255,34	63,58–89	68–76	208,12	>14	>50	>70
VTML800		340,46	84,77–78,67	68–76	236,34	>15	>50	>75
VTML1000		425,57	105,96–146,22	68–76	275,14	>18	>65	>90
VTML1200		510,68	127,15–173,76	68–76	310,40	>20	>75	>100

### Vacuum flow in (scfm) at different Vacuum level (-inHg)

Model \ -inHg	0	2.95	5.9	8.85	11.81	14.76	17.76	20.67	23.62	26.57
VTML200	85,12	59,62	39,41	20,49	10,25	7,63	5,09	2,83	1,42	0,23
VTML400	170,23	119,23	78,83	40,97	20,49	15,26	10,18	5,65	2,83	0,46
VTML600	255,34	178,85	118,25	61,46	30,73	22,89	15,26	8,48	4,24	0,68
VTML800	340,46	238,45	157,66	81,94	40,97	30,52	20,35	11,31	5,66	0,90
VTML1000	425,57	298,08	197,07	102,43	51,21	38,15	25,43	14,13	7,07	1,14
VTML1200	510,68	357,69	236,49	122,91	61,46	45,78	30,52	16,96	8,48	1,36

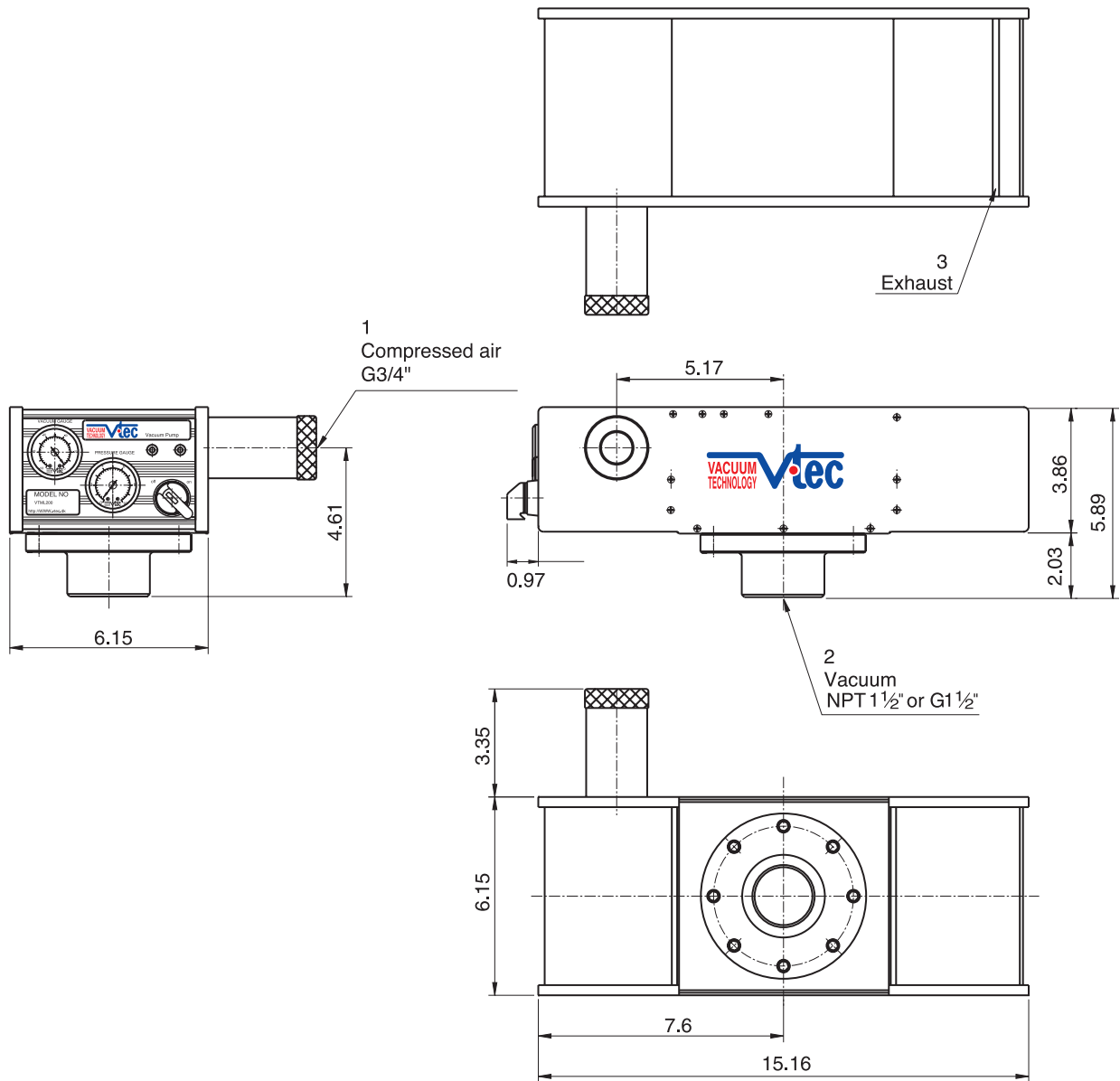
VACUUM PUMPS

### Time in seconds to evacuate to vacuum level (sec/l)

Model \ -inHg	2.95	5.9	8.85	11.81	14.76	17.76	20.67	23.62	26.57
VTML200	0,0021	0,0055	0,0124	0,029	0,054	0,09	0,153	0,274	0,67
VTML400	0,0011	0,0027	0,0062	0,014	0,027	0,045	0,076	0,137	0,335
VTML600	0,0009	0,0021	0,0047	0,011	0,021	0,034	0,057	0,103	0,252
VTML800	0,0006	0,0014	0,0031	0,007	0,014	0,023	0,038	0,068	0,168
VTML1000	0,0005	0,0012	0,0026	0,006	0,012	0,018	0,031	0,057	0,147
VTML1200	0,0004	0,0009	0,0021	0,005	0,009	0,014	0,024	0,045	0,125

Dimensional Information

VTML200  
400

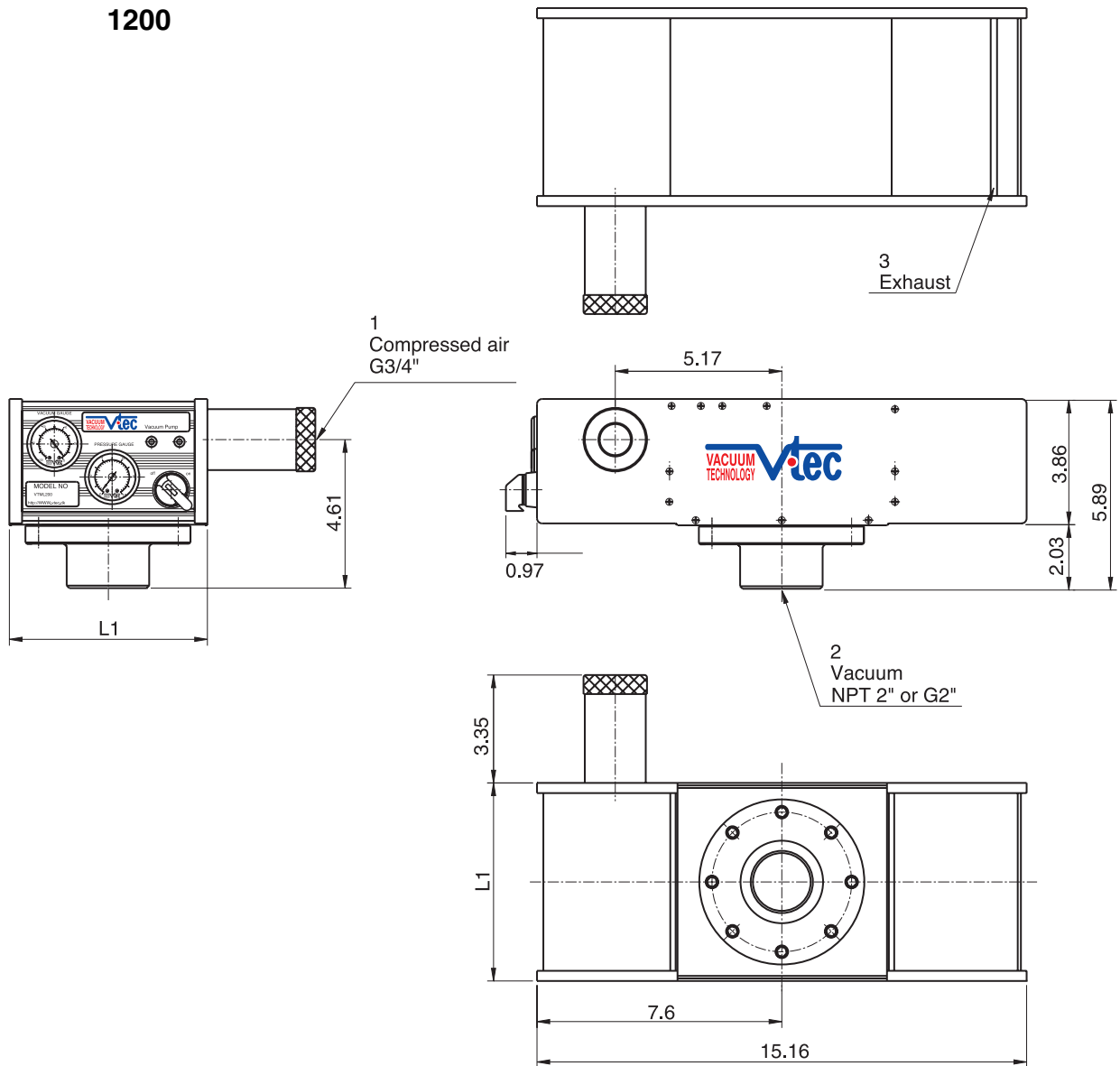


[ Measure unit : inch ]

**Dimensional Information**

**VTML600**

- 800**
- 1000**
- 1200**



**VACUUM PUMPS**

[ Measure unit : inch ] (inch)

Model	L1
VTML600	8.67
VTML800	11.19
VTML1000	13.71
VTML1200	16.23