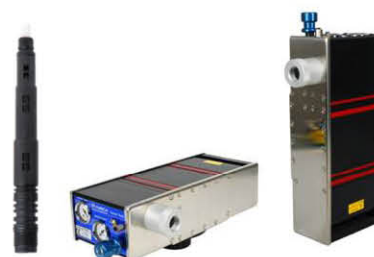


VACUUM PUMPS / Mega pump – Cartridge type

VCML400 / VCML400L

Features and Strengths

- Integrated VMECA Vacuum Cartridge technology
- High vacuum flow to replace motor pump
- Easy maintenance
- Excellent performance in leakage application and in conveying system
- for granules, transferring bulk materials and powder



Specifications

Description	VCML400	VCML400L
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	5,456 NI/min	5,792 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	60 ~ 65 dBA	60 ~ 65 dBA
Weight	5,270 g	5,262 g

Vacuum Flow

Model	Max. vacuum (-kPa)	Feed Pressure (bar)	Vacuum flow (NI/min) at different vacuum levels (-kPa)									
			0	10	20	30	40	50	60	70	80	90
VCML400	75	2.2	4832	1960	1408	848	504	456	264	72	-	-
	92	3.0	5408	2432	1696	1024	528	512	352	264	104	30.4
	92	4.0	5456	2464	2040	1504	1104	688	372	276	112	33.6
VCML400L	60	4.0	4832	2752	1760	1120	736	448	108	-	-	-
	70	5.0	5504	3136	2080	1312	800	600	368	180	-	-
	75	6.0	5792	3312	2464	1600	832	608	512	352	-	-

Evacuation Time

Model	Feed Pressure (bar)	Air Consumption (NI/min)	Evacuation time in sec / liter to reach different vacuum levels (-kPa)								
			10	20	30	40	50	60	70	80	90
VCML400	2.2	1586	0.0014	0.0049	0.0181	0.0206	0.03	0.048	0.105	-	-
	3.0	1792	0.0012	0.0037	0.0081	0.0163	0.0275	0.0431	0.0606	0.0988	0.2406
	4.0	2144	0.0011	0.0033	0.005	0.0094	0.0163	0.035	0.0538	0.0975	0.2363
VCML400L	4.0	1120	0.0022	0.0058	0.01	0.0175	0.0225	0.05	-	-	-
	5.0	1360	0.0014	0.0045	0.0075	0.0158	0.0188	0.0250	0.05	-	-
	6.0	1664	0.0013	0.0038	0.0073	0.013	0.0178	0.0225	0.0375	-	-