

VACUUM PUMPS / Turtle pumps – Mega series

VTC3124 / VTCL3124

Features and Strengths

- Highly operational reliability despite fluctuating or low compressed-air pressure
- Integrated pleated filter with high dirt capacity & Auto-cleaning system
- Optional Air-Saving Kit available to minimize energy consumption
- Quick response time
- Patented design



Specifications

Description	VTC3124	VTCL3124
Max. Vacuum level	-92 kPa	-75 kPa
Open Vacuum flow	684 NI/min	800 NI/min
Max. Feed pressure	7 bar	7 bar
Temperature	-20 ~ 80 °C	-20 ~ 80 °C
Noise level	50 ~ 60 dbA	50 ~ 60 dbA
Weight	957 g	956 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
VTC3124	75	2.2	656	490	352	212	126	114	66	18	-	-
	92	3.0	680	608	424	256	132	128	88	66	26	7.6
	92	4.0	684	616	510	376	276	172	93	69	28	8.4
VTCL3124	60	4.0	752	632	440	280	184	112	27.2	-	-	-
	70	5.0	780	704	520	328	200	150	92	45.2	-	-
	75	6.0	800	732	616	400	208	152	128	88	-	-

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
VTC3124	2.2	388	0.008	0.03	0.05	0.095	0.12	0.018	0.4	-	-
	3.0	472	0.007	0.025	0.048	0.08	0.1	0.016	0.2	0.3	0.95
	4.0	608	0.006	0.015	0.02	0.025	0.06	0.012	0.17	0.26	0.87
VTCL3124	4.0	280	0.01	0.025	0.04	0.07	0.09	0.2	-	-	-
	5.0	340	0.0067	0.02	0.037	0.065	0.075	0.1	0.2	-	-
	6.0	416	0.006	0.02	0.03	0.055	0.073	0.09	0.15	-	-