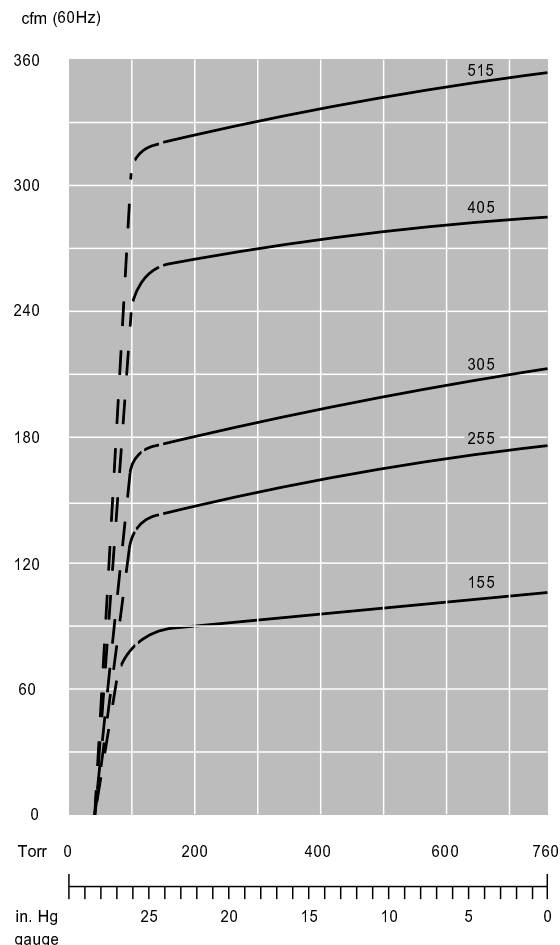




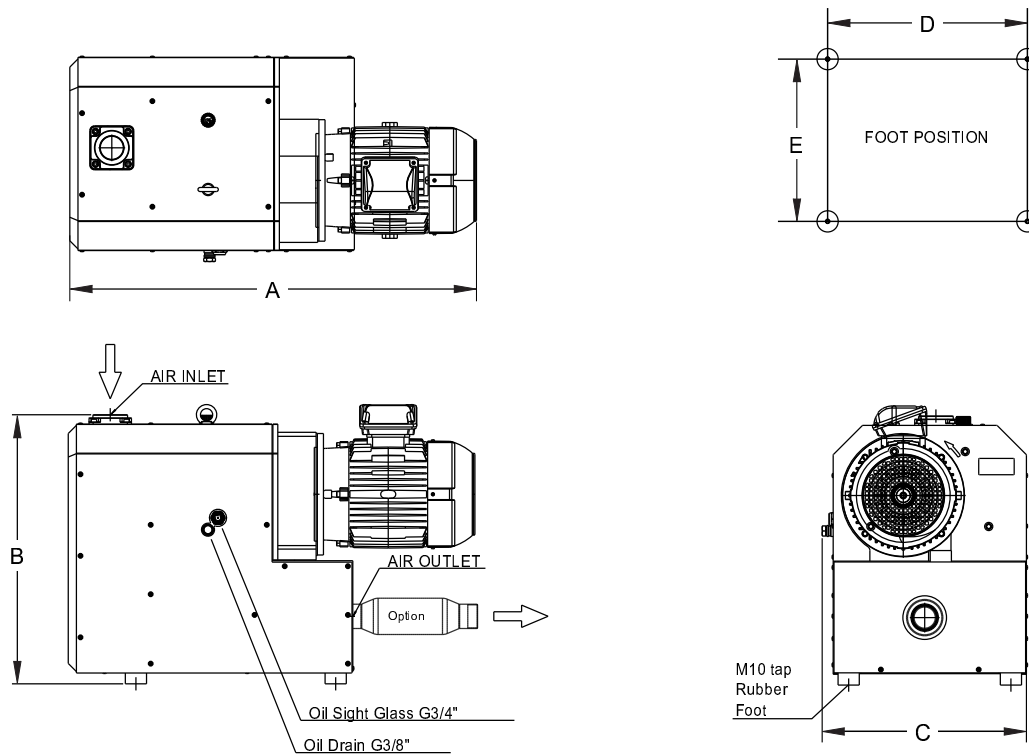
The Airtech VCX positive displacement rotary claw design is air cooled, dry-running and non-contacting. These features, along with quality construction results in a vacuum pump that is extremely high in reliability and a long service life. The non-contact design eliminates internal wear and maintenance. No water levels to check due to air-cooled operation and no sealing or lubricating oil is needed in the pumping chamber.

The claw shaped rotors inside the pump housing rotate in opposite directions, compressing the air and discharging through a silencer to the atmosphere. The anti-suck back valve in the inlet flange prevents back flow into the pumping chamber. The two rotors are synchronized by gears that are oil lubricated to facilitate a long gear life.

- **Non-contact design**
- **Dry (oil-free) pumping chamber**
- **Air-cooled & Direct driven**
- **Simple, modular construction**
- **Suitable for variable speed applications**



Dimensions



Model	VCX155	VCX255	VCX305	VCX405	VCX515
A	35.3	39.3	40.8	52.2	52.8
B	22.4	26.0	26.0	27.4	27.4
C	17.2	19.7	19.7	23.1	23.1
D	15.0	19.3	19.3	19.8	19.8
E	14.0	15.7	15.7	18.1	18.1

Performance Data - VCX Series

Model	VCX155	VCX255	VCX305	VCX405	VCX515
Capacity (cfm)	106	166	212	272	353
Ultimate vacuum (in.Hg)	28.44	28.44	28.44	28.44	28.44
Ultimate vacuum (continuous operation)	27	24	24	22.5	22.5
Motor Rating (HP)	5	7.5	10	12 (15)	15
Speed (RPM)	3450	3450	3450	3450	3450
Voltage	208-230/460	208-230/460	208-230/460	208-230/460	208-230/460
Full Load Amperge	13.2-12/6	21-18.8/9.4	21-18.8/9.4	25-24/12	39-37/18.5
Oil Capacity (gear box- qts.)	0.5	0.75	0.75	0.84	0.75
Avg. Noise Level-dB(A)	79	79	80	84	84
Inlet/Outlet Connections	1.5"	2"	2"	3"	3"
Weight (lbs.) *	304	430	496	565	639

* dependent upon motor mfg.