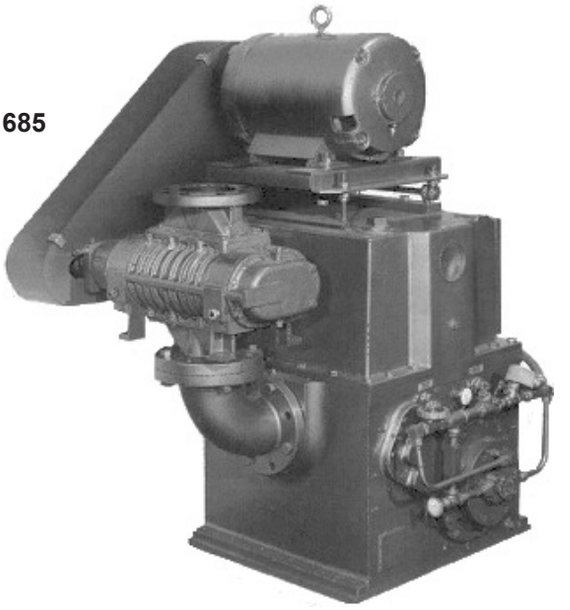
KINNEY®

CC BOOSTER SYSTEMS

Close-Coupled Mechanical Booster Vacuum Pump Systems

Models: **CC4015** **CC5430** **CC8530** **CC1650** **CC1685**



Features

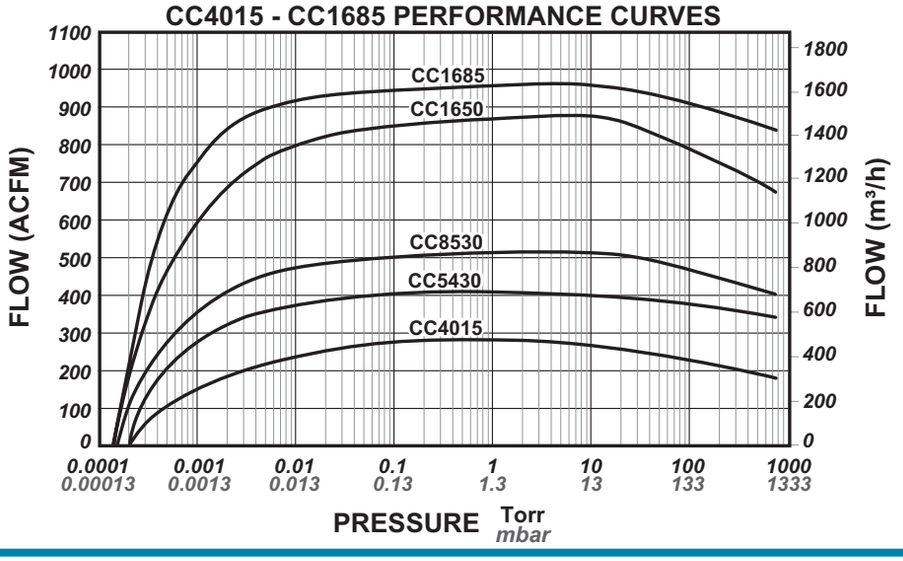
- Very fast pumpdown for short cycles
- High pumping speed over a wide pressure range
- Single motor and control operates both pumps
- Both pumps start at atmosphere - no pressure switch or bypass manifold required
- Low ultimate pressure capability of 0.2 micron
- Very low vibration characteristics
- Compact, simple assembly with minimum floor area required
- Optional internal mechanical shaft seals for booster, for applications where seconds count in cycle and pumpdown time

Specifications

SYSTEM MODEL	MAX. CONT. OPERATING PRESSURE* Torr / *mbar*	MOTOR HP / *kW*	BLOWER MODEL	BLOWER DISPLACEMENT ACFM / *m³/h*	OIL REQ'D, BLOWER QTS / *Liters*	COOLING WATER REQ'D @ 60°F GPM / *L/min*	PUMP MODEL	PUMP DISPLACEMENT ACFM / *m³/h*	OIL REQ'D, BACKING PUMP Gal / *Liters*
CC4015	60 / ***80***	10 / ***8***	MB400	300 / ***510***	2 / ***1.9***	2 / ***8***	KT150	150 / ***255***	6 / ***23***
CC5430	105 / ***140***	15 / ***11***	MB540	400 / ***680***	2 / ***1.9***	2 / ***8***	KT300	300 / ***510***	10 / ***38***
CC8530	10 / ***13.3***	25 / ***19***	MB850	625 / ***1062***	4 / ***3.8***	4 / ***16***	KT300	300 / ***510***	10 / ***38***
CC1650	50 / ***67***	40 / ***30***	MB1600	900 / ***1529***	4 / ***3.8***	2.5 / ***10***	KT500	500 / ***850***	15 / ***57***
CC1685	100 / ***133***	50 / ***37***	MB1600	1200 / ***2039***	4 / ***3.8***	3.5 / ***13***	KT850	780 / ***1325***	28 / ***106***

* CC pumps are designed for continuous operation below tabulated data or for evacuation of inlet system volume which limits pump-down time to approximately 30 minutes. Please review these parameters when sizing the CC series pump.

Typical Pumping Speed Curves

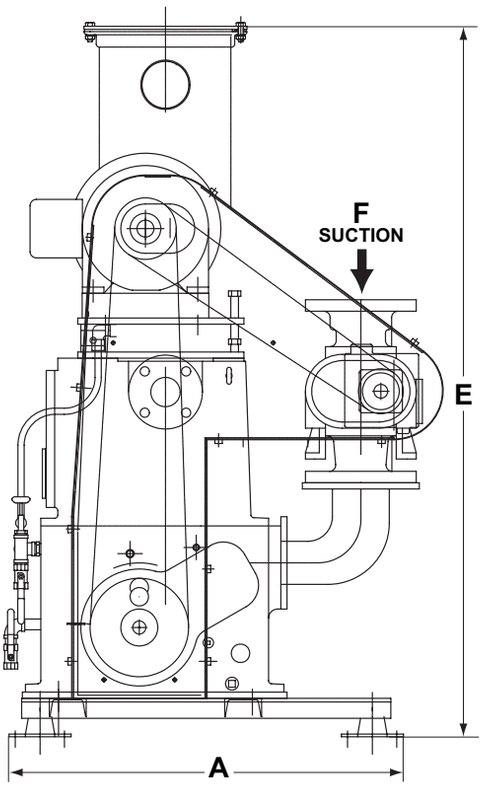


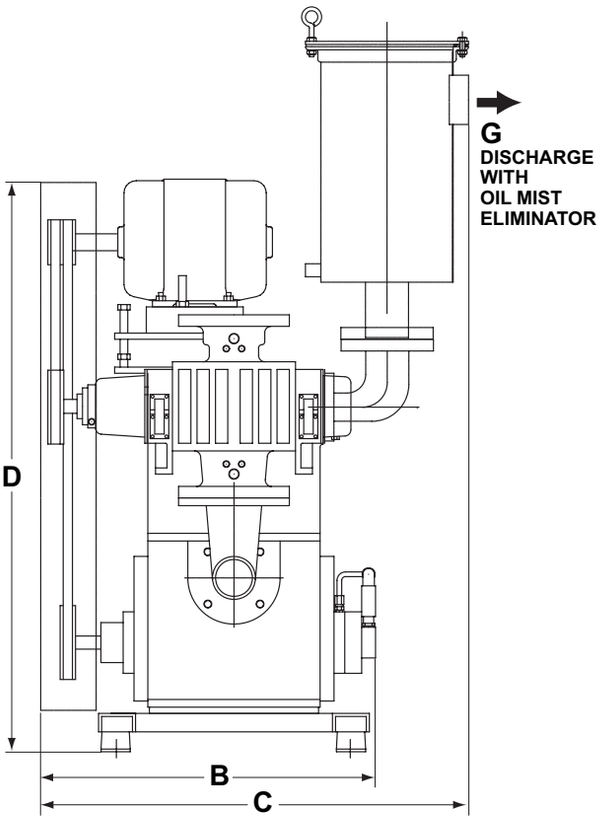
Tuthill®

Dimensions:

Values shown are approximate and should not be used for construction.
Certified drawings are available through your local Tuthill Vacuum & Blower Systems Sales Professional.

Models: CC4015 CC5430 CC8530 CC1650 CC1685





in / *mm*	A	B	C	D	E	F	G	WEIGHT Lbs / *kg*
CC4015	32 *813*	27 *686*	35 *889*	47 *1194*	58 *1473*	4" FLG	3" NPT	1050 *476*
CC5430	39 *991*	35 *889*	56 *1422*	57 *1448*	65 *1651*	4" FLG	3" NPT	1700 *771*
CC8530	40 *1016*	34 *864*	56 *1422*	53 *1346*	64 *1626*	6" FLG	3" NPT	2050 *930*
CC1650	52 *1321*	41 *1041*	65 *1651*	75 *1905*	80 *2032*	6" FLG	4" FLG	3750 *1701*
CC1685	54 *1372*	49 *1245*	67 *1702*	77 *1956*	91 *2311*	6" FLG	5" FLG	5400 *2450*

Standard Configuration

- Kinney® KT™ Pump
- Dual Voltage 3/60/230-460V TEFC Motors
- Overtemperature Switch
- Oil mist eliminator
- Steel Base with VibraMounts

Options

- Flexible connectors
- Automatic water control valve to minimize coolant flow
- Oil line filter for backing pump
- Self-contained oil reclamation system
- Special motor and electricals

Your Local Tuthill Vacuum & Blower Systems Sales Professional:

Tuthill Vacuum & Blower Systems
4840 West Kearney Street
Springfield, Missouri USA 65803-8702
o 417.865.8715 800.825.6937 **f** 417.865.2950
tuthillvacuumblower.com

TH-034 12/13

C/ Montemayor, 2 Pta. 11 Der. 46950 Xirivella. Valencia (España) Tel. +34 963 799 829