

TORRVAC "B" Series

Rotary Vane Vacuum Pumps



21-491 cfm Vacuum: 0.50 Torr

TorrVac vacuum pumps are Single Stage Rotary Vane Air-Cooled vacuum pumps capable of producing an ultimate vacuum of .5 Torr (29.9" Hg abs).

All Torr-Vac pumps features a compact, simple design; quiet air-cooled operation; Direct Drive; built-in oil mist eliminator; anti-suckback valve. These features result in easy installation and low maintenance; no water requirements; no belts or gears to wear or loosen; 99.9% oil free exhaust and high water vapor handling capabilities.

TorrVac pumps are ideally suited for use in applications such as vacuum drying, impregnation, food packaging and processing, thermo-forming, vacuum hold-down and meat packing.

FEATURES

- Ultimate vacuum to 0.05 Torr
- Integral oil mist filters
- Compact design
- Air-cooled



Technical Data

Pump Model		TV25B	TV40B	TV63B	TV100B	TV160B	TV250B	TV630B
Displacement	CFM	21	28	45	70	112	176	491
Pumping Speed	RPM	1725	1725	1725	1725	1725	1725	1725
Ultimate Vacuum	Torr	29.9" Hg (0.50 mm Hg)						
Noise Level	dba	64	67	68	70	76	76	84
Motor	Hp	1.5	2	3	5	7.5	10	25
Pump Speed	RPM	1725						1170
Oil Capacity	Qt.	1	3	3	5	5.3		16
Inlet, NPT (F)	in.	1.25				2	2	3
Exhaust, NPT (F)	in.	1.25				2	2	3
Pump Weight	Lbs.	62	100	134	190	330	430	1530

Vacuum Pump Oil

Tested to high vacuum levels, this oil meets rigid requirements for vapor pressure, stability & viscosity

Size	Cat. No
Quart	US-550SS-32
Gallon	US-550SS-128
5 Gallon	US-550SS-5.00
55 Gallon	US-550SS-55.00



Particulate Inlet Filter

Use to protect the pump from foreign Particulate matter. Replaceable element And easy change out

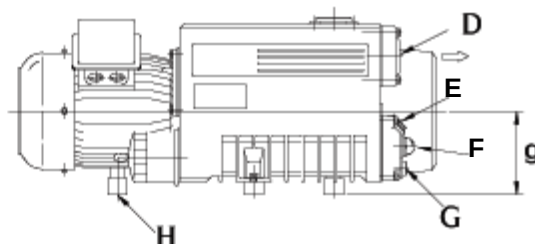
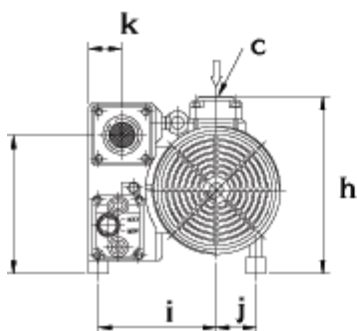
Pump Model	Cat. No
TV-25B	VFISL-848125
TV-40B	VFISL-848125
TV-63B	VFISL-848125
TV-100B	VFISL-848125
TV-160B/250B	VFISL-850200
TV-630B	VFISL-239300



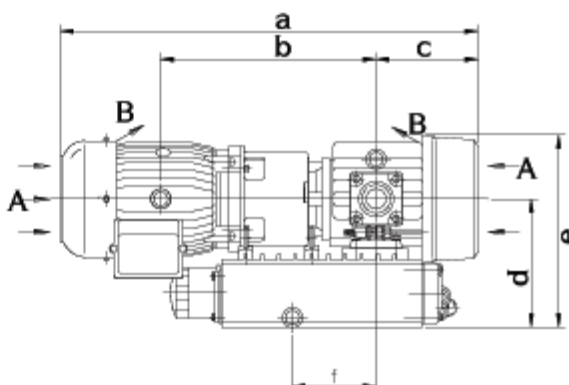
972-594-5370

DIMENSIONS

(TV25B/40B)



- A= Cooling Air inlet
- B= Cooling Air exhaust
- C= Inlet Vacuum Connection
- D= Discharge Connection
- E= Oil fill plug
- F= Oil sight glass
- G= Oil drain
- H= Mounting Foot



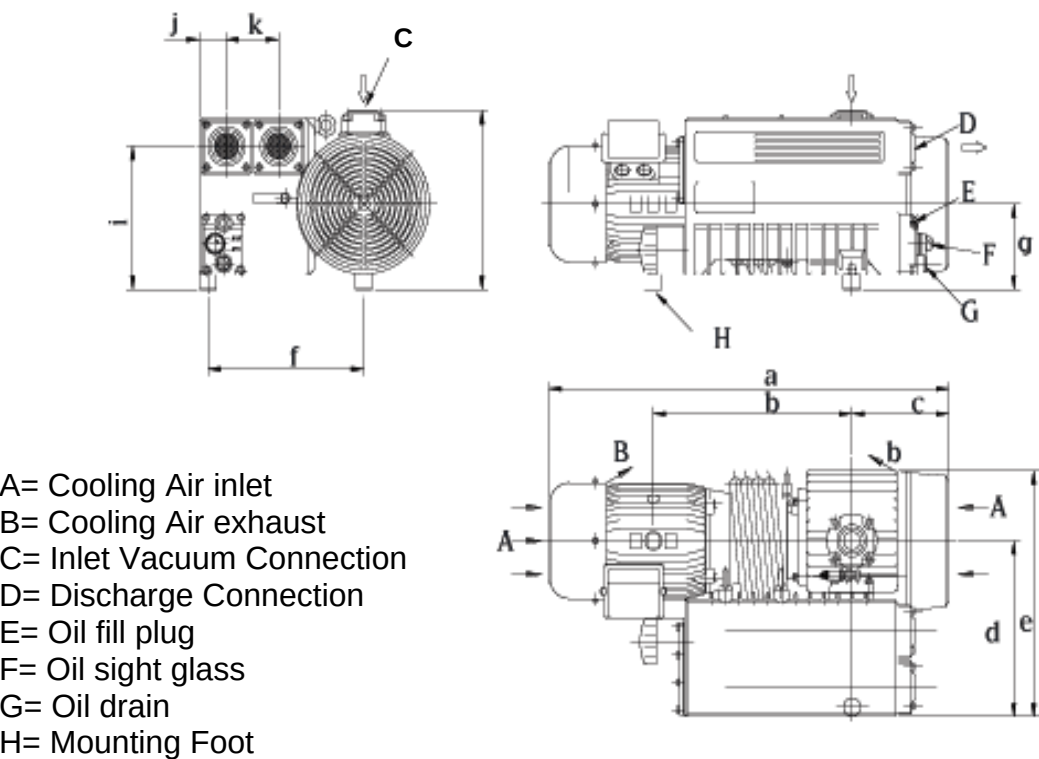
Dimensions in mm
25.4 mm = 1"

DIMENSIONS	a	b	c	d	e	f	g	h	i	j	k
TV-25B	605	312	140	195	280	127	122	280	180	60	50
TV-40B	635	327	155	195	280	127	122	280	180	60	50

Dimensions subject to change without notice

DIMENSIONS

(TV 63B/100B)



- A= Cooling Air inlet
- B= Cooling Air exhaust
- C= Inlet Vacuum Connection
- D= Discharge Connection
- E= Oil fill plug
- F= Oil sight glass
- G= Oil drain
- H= Mounting Foot

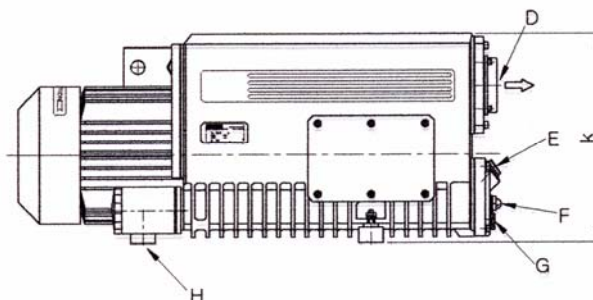
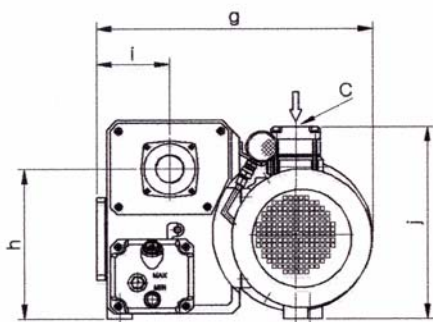
Dimensions in mm
25.4 mm = 1"

DIMENSIONS	a	b	c	d	e	f	g	h	i	j	k
TV-63B	663	329	148	292	410	277	145	298	238	49	93
TV-100B	713	354	173	292	410	277	145	298	238	49	93

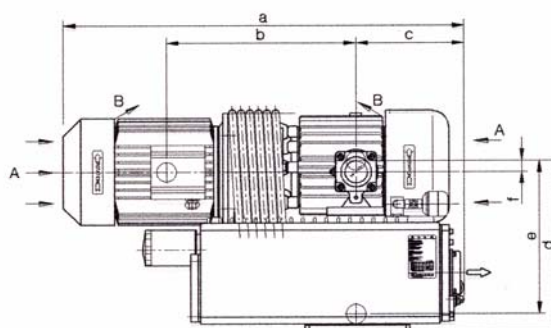
Dimensions subject to change without notice

DIMENSIONS

(TV 160B/250B)



- A= Cooling Air inlet
- B= Cooling Air exhaust
- C= Inlet Vacuum Connection
- D= Discharge Connection
- E= Oil fill plug
- F= Oil sight glass
- G= Oil drain
- H= Mounting Foot



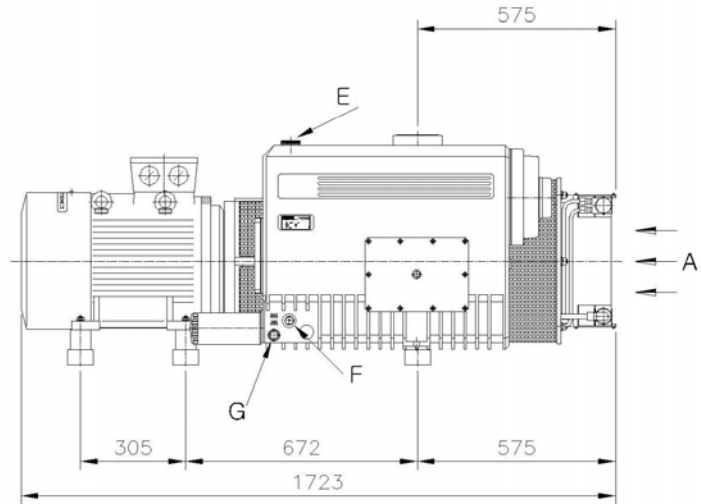
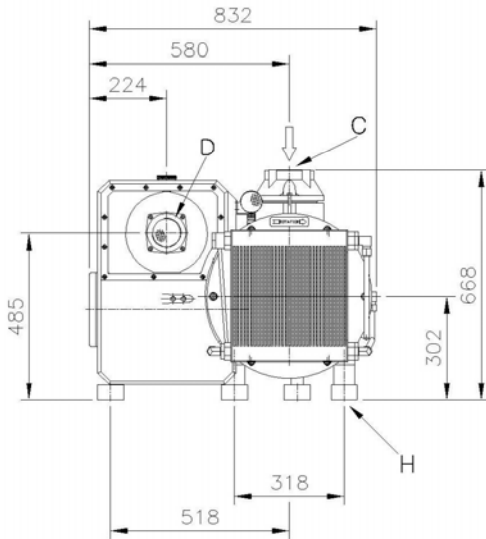
Dimensions in mm
25.4 mm = 1"

DIMENSIONS (MM)	A	B	C	D	E	F	G	H	I	J	K
TV-160B	945	407	276	440	393	29	570	313	151	400	414
TV-250B	1020	482	276	440	393	29	570	313	151	400	414

Dimensions subject to change without notice

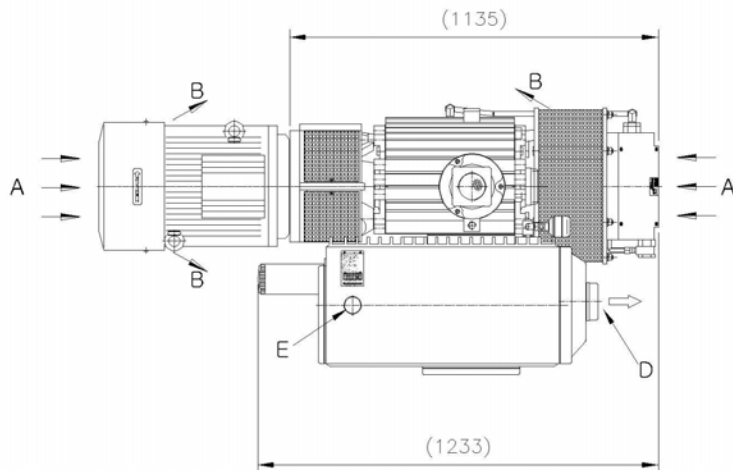
DIMENSIONS

(TV 400B/630B)



- A= Cooling Air inlet
- B= Cooling Air exhaust
- C= Inlet Vacuum Connection
- D= Discharge Connection
- E= Oil fill plug
- F= Oil sight glass
- G= Oil drain
- H= Mounting Foot

Dimensions in mm
25.4 mm = 1"



Dimensions subject to change without notice