

INDUVAC

Side channel blower 920 series

The standard VACOM® design, with housing an impeller made of aluminum alloy, is a direct drive configuration, with a dynamically balanced impeller, fitted directly on the motor shaft. The impeller rotates inside of the stator housing with a very small clearance. The absence of lubricants guarantees a 100% oil free vacuum or compression. Construction features of the VACOM® side channel blower are the very reliable operation and low maintenance. VACOM® blowers are directly driven, impellers fixed directly on the drive shaft. Impeller bearing is installed in the front cover and easily to assemble and disassemble. Machines are small and lightweight. VACOM® blowers are already available with differential pressures up to 700 mbar and capacities of 2000 m³/ hr.



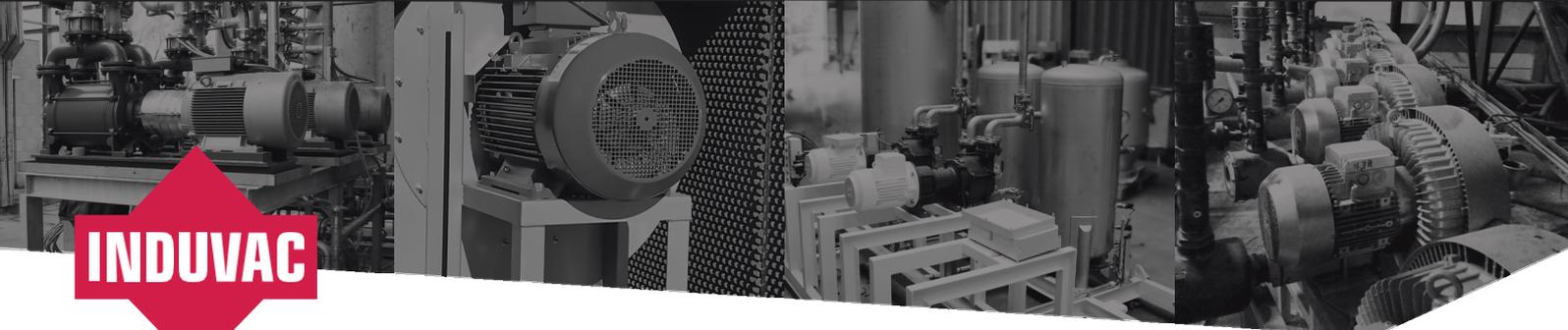
Features

- ◆ Available from stock
- ◆ Almost free of maintenance
- ◆ Low power consumption
- ◆ Oil free compression, no oil in the medium
- ◆ Made of aluminum, so low weight and high corrosion resistance.

Accessories

- ◆ Suction filter TGF (for vacuum)
- ◆ Suction filter VCFT (for compression)
- ◆ Pressure relief valve DB
- ◆ External silencer EGD
- ◆ Fittings
- ◆ Various: change valve, pressure gauge, non return valve

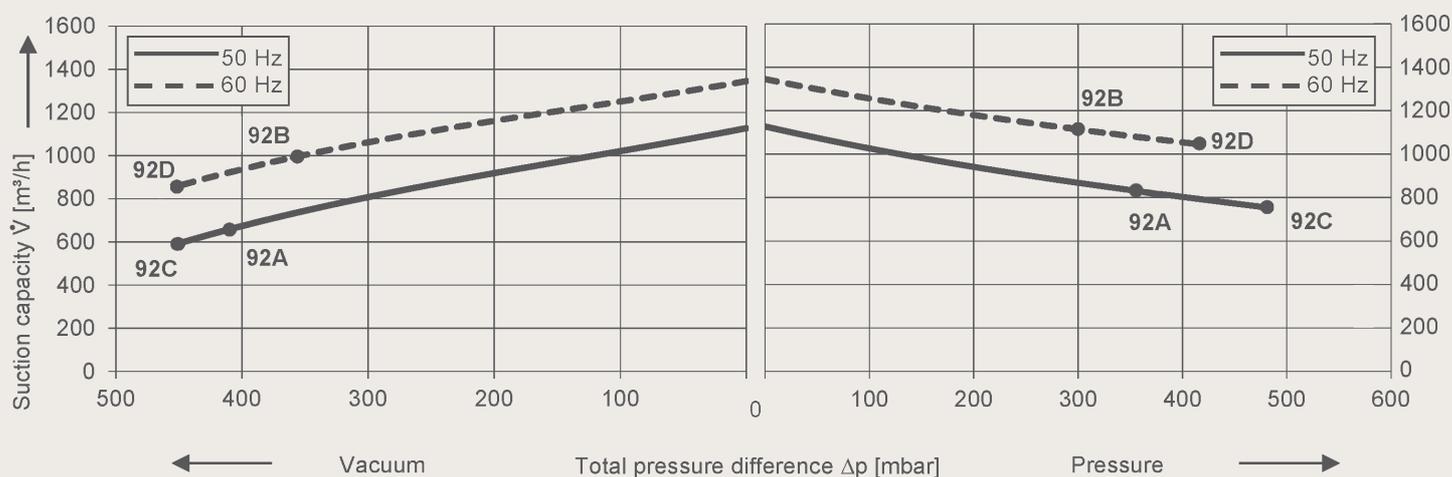




Technical data

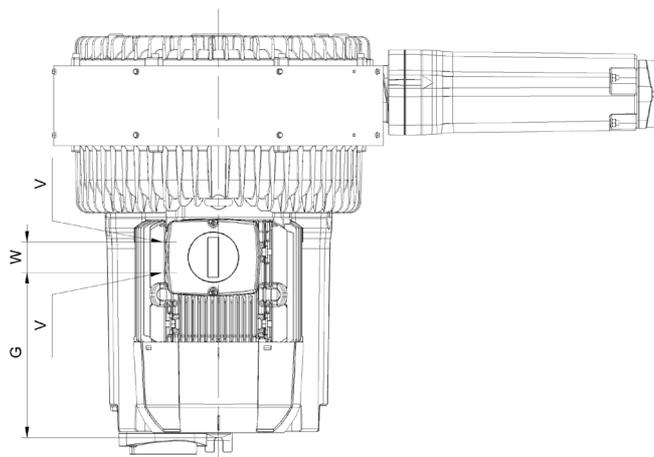
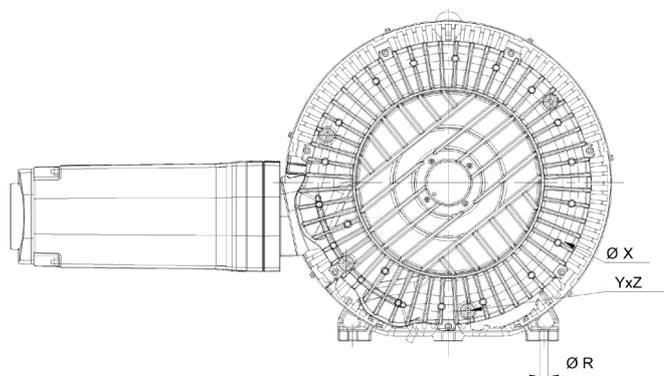
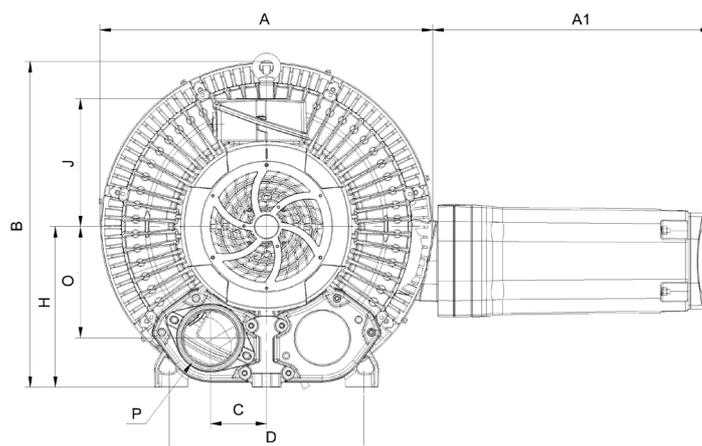
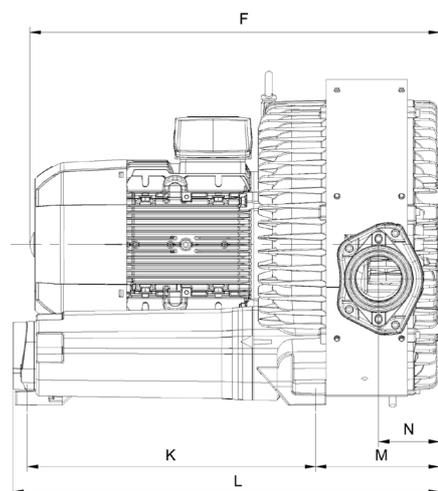
Type No.	Curve No.	Freq. Hz	Power kW	Voltage		Current		Capacity m ³ /hr	Pressure difference		Sound level dB(A)	Connec- tion "G	Weight kg				
				V	Δ	A	Y		Vacuum mbar	Pressure mbar							
VC 315-920	92A	50	17,30	380-420	Δ	660-725	Y	31,70	Δ	18,30	Y	1050	-410	360	72	4	205
	92B	60	19,90	440-480	Δ	Y	31,40	Δ	Y	1250	-360	300	76	4	205		
		50	15,00	IE3	380-420	Δ	660-725	Y	26,50	Δ	15,30	Y					
		60	17,30	IE3	440-480	Δ	Y	26,60	Δ								
VC 318-920	91C	50	21,30	380-420	Δ	660-725	Y	38,30	Δ	22,10	Y	1050	-440	480	72	4	238
	91D	60	24,50	440-480	Δ	Y	38,00	Δ	Y	1250	-440	410	76	4	238		
		50	18,50	IE3	380-420	Δ	660-725	Y	32,50	Δ	18,80	Y					
		60	21,30	IE3	440-480	Δ	Y	32,80	Δ	Y							

Curves



Curves are valid for dry air, with a temperature of 15°C at the inlet and a pressure of 1013 m bar(a) at the inlet or outlet connection (for over- or under-pressure application respectively). The tolerance on capacity is +/- 10%. No rights can be derived from the sketches, dimensions and contents of this data sheet. The data is for information purposes only. Induvac reserves the right to change or modify the data. No complaints can be made about this.

Dimensions



Curve No.	Type	A	A1	B	C	D	F	G	H	J	K	L
92A / 92B	VC 315-920	615	516	607	103	360	758	310	300	239	533	790
92C / 92D	VC 318-920	615	516	607	103	360	818	370	300	239	533	790
Curve No.	Type	M	N	O	P	ØR	V	W	YxZ	ØX		
92A / 92B	VC 315-920	230	113	208	G 4"	15	M40 X 1.5	57	4 x M12 x 30	Ø490		
92C / 92D	VC 318-920	230	113	208	G 4"	15	M40 X 1.5	57	4 x M12 x 30	Ø490		