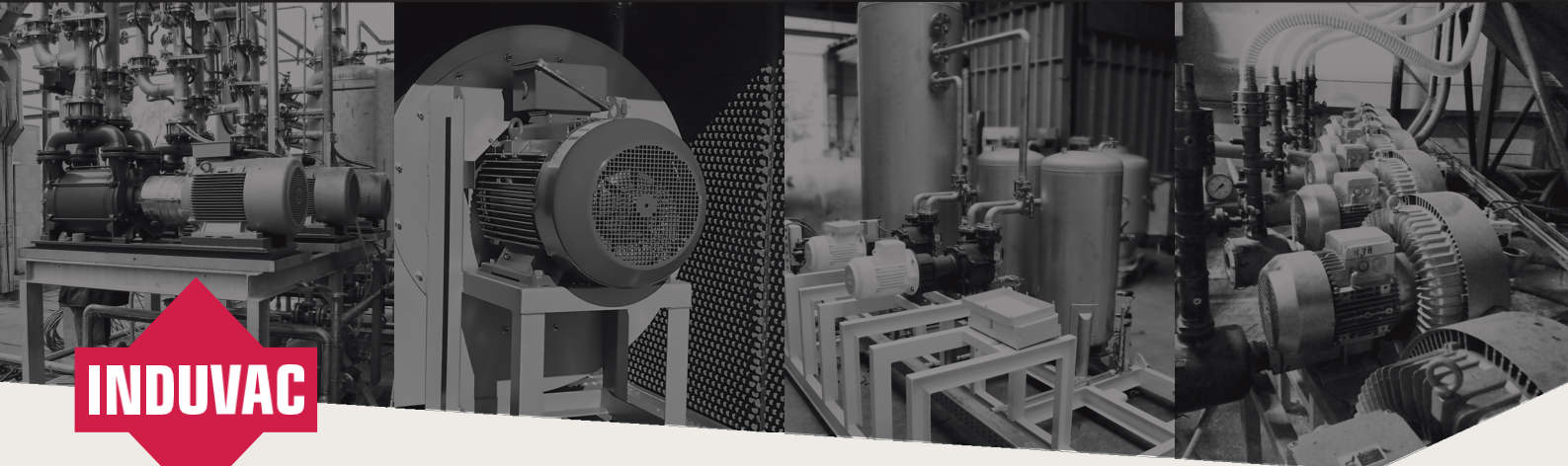
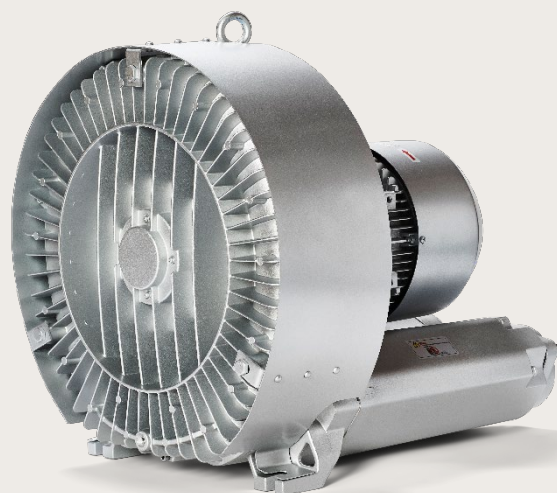


**INDUVAC**

Side channel blower 910 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

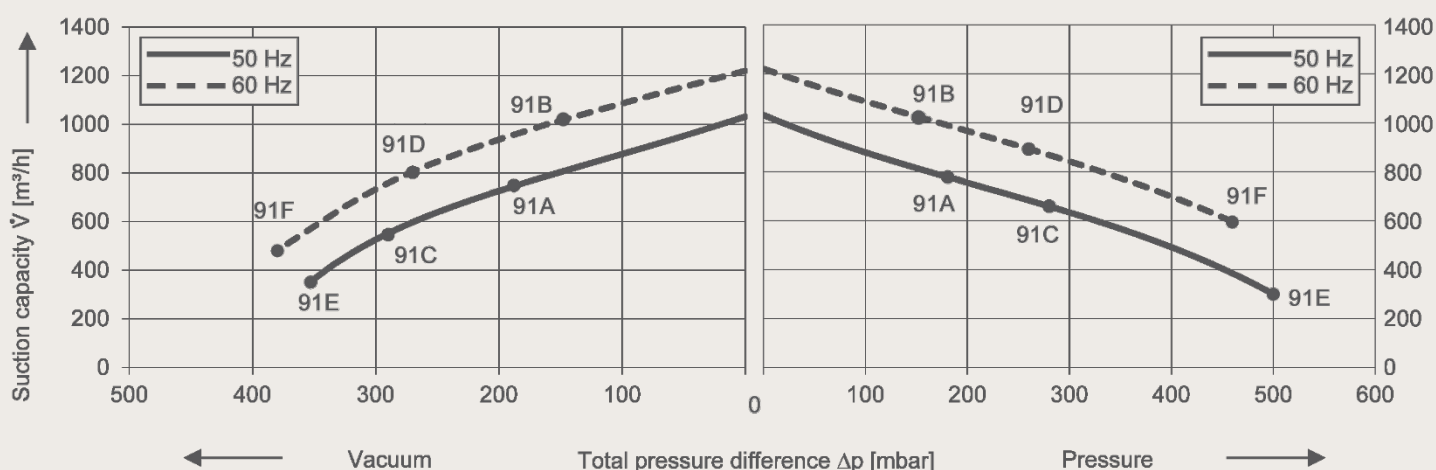
- ♦ Suction filter TGF (for vacuum)
- ♦ Suction filter VCFT (for compression)
- ♦ Pressure relief valve DB
- ♦ External silencer EGD
- ♦ Fittings
- ♦ Various: change valve, pressure gauge, non return valve



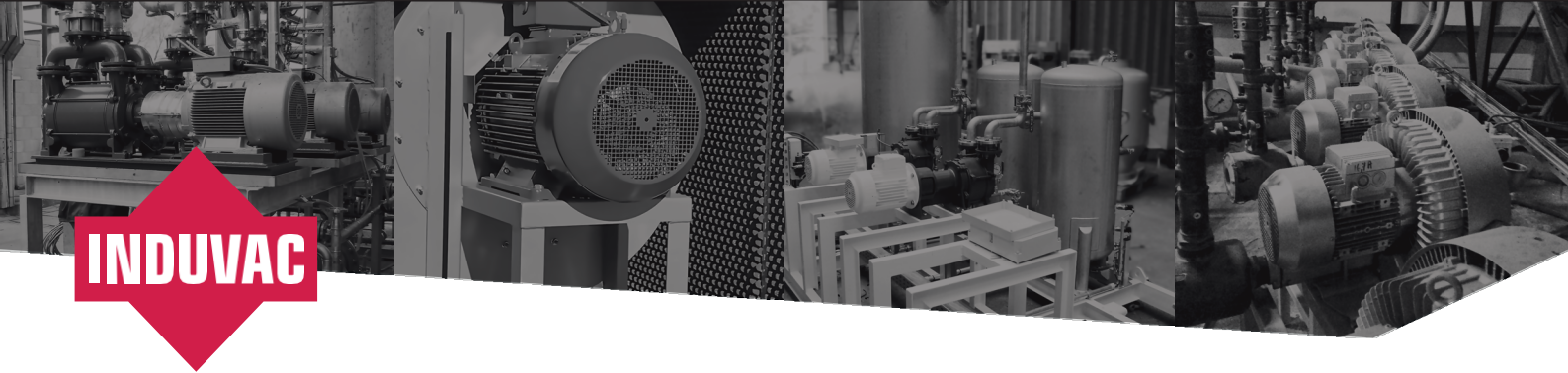
Technical data

Type No.	Curve No.	Freq.	Power	Voltage		Current		Capacity	Pressure difference		Sound level	Connec- tion	Weight
		Hz	kW	V		A		m ³ /hr	Vacuum mbar	Pressure mbar	dB(A)	"G	kg
VC 375-910	91A	50	8,60	380-420 Δ	660-725 Y	15,50 Δ	8,90 Y	1050	-190	180	71	4	105
	91B	60	9,90	440-480 Δ	Y	15,30 Δ	Y	1250	-150	140	75	4	105
		50	7,50 IE3	380-420 Δ	660-725 Y	13,50 Δ	7,80 Y						
		60	8,60 IE3	440-480 Δ	Y	13,40 Δ							
VC 311-910	91C	50	12,60	380-420 Δ	660-725 Y	23,30 Δ	13,40 Y	1050	-290	280	71	4	124
	91D	60	14,50	440-480 Δ	Y	23,00 Δ	Y	1250	-270	260	75	4	124
		50	11,00 IE3	380-420 Δ	660-725 Y	19,60 Δ	11,30 Y						
		60	12,60 IE3	440-480 Δ	Y	19,50 Δ							
VC 318-910	91E	50	21,30	380-420 Δ	660-725 Y	38,30 Δ	22,10 Y	1050	-360	500	71	4	138
	91F	60	24,50	440-480 Δ	Y	38,00 Δ	Y	1250	-380	460	75	4	138
		50	18,50 IE3	380-420 Δ	660-725 Y	32,50 Δ	18,80 Y						
		60	21,30 IE3	440-480 Δ		32,80 Δ	Y						

Curves

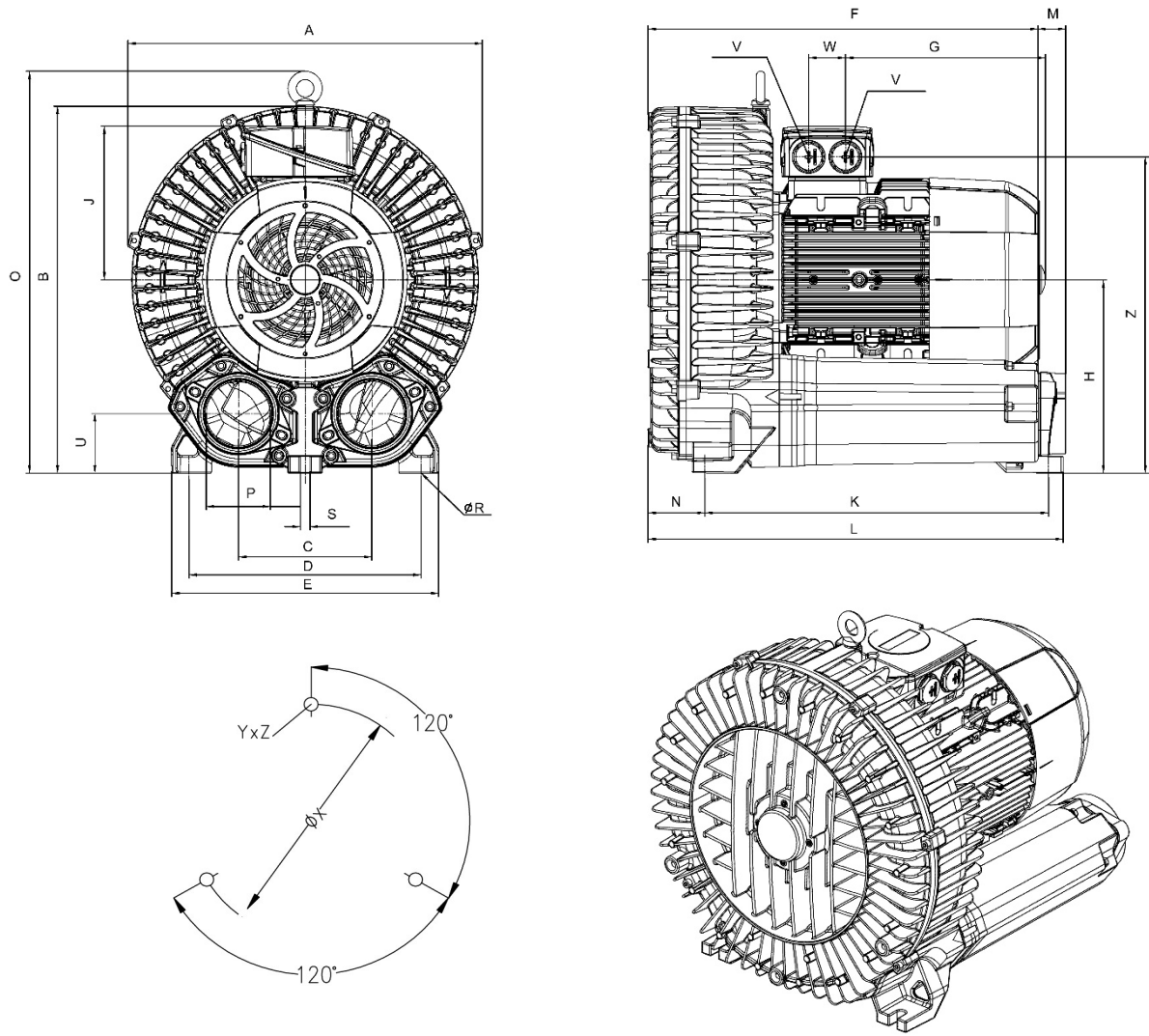


Curves are valid for dry air, with a temperature of 15°C at the inlet and a pressure of 1013 m bar(a) at the inlet or outlet connection (for over- or under-pressure application respectively). The tolerance on capacity is +/- 10%. No rights can be derived from the sketches, dimensions and contents of 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.



INDUVAC

Dimensions



Curve No.	Type	A	B	C	D	E	F	G	H	J	K	L	M
91A / 91B	VC 375-910	550	569	207	360	414	605	295	300	202	533	644	43
91C / 91D	VC 312-910	550	569	207	360	414	605	310	300	239	533	644	43
91E / 91F	VC 318-910	550	569	207	360	414	605	310	300	239	533	644	43
Curve No.	Type	N	O	P	Ø R	S	U	V	W	YxZ	X-holes	ØX	Z
91A / 91B	VC 375-910	89	624	G 4"	15	15	92	M32 X 1.5	48	M12x30	0°/120°/240°	Ø490	460
91C / 91D	VC 312-910	89	624	G 4"	15	15	92	M40 X 1.5	57	M12x30	0°/120°/240°	Ø490	491
91E / 91F	VC 318-910	89	624	G 4"	15	15	92	M40 X 1.5	57	M12x30	0°/120°/240°	Ø490	491