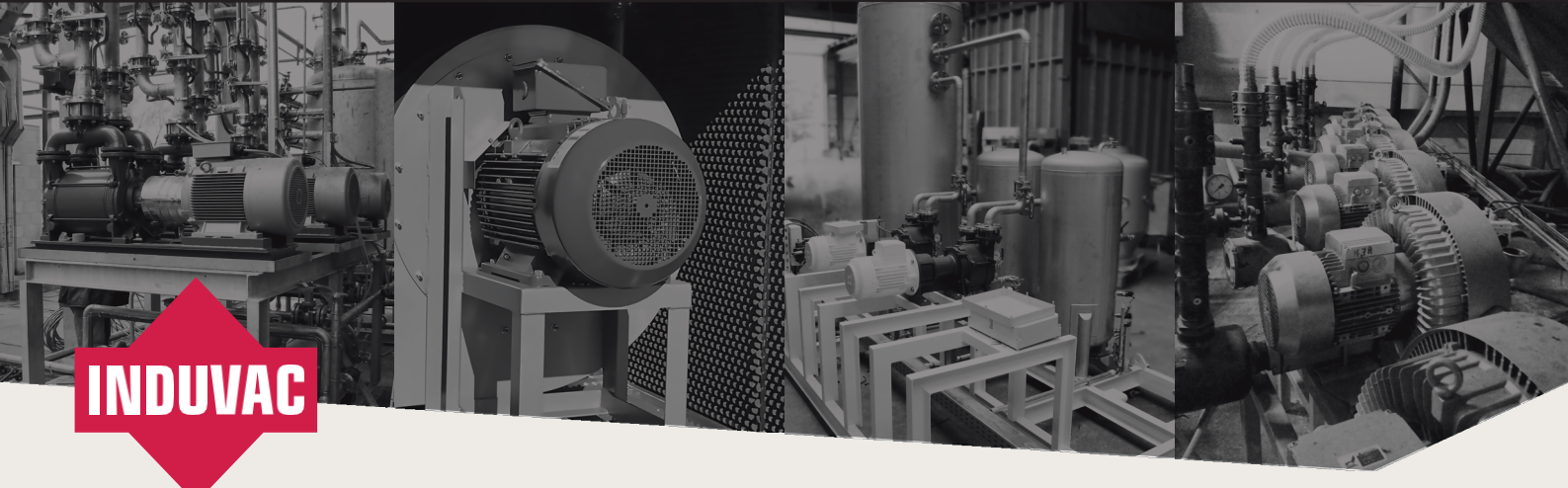


**INDUVAC**

Side channel blower 710 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.



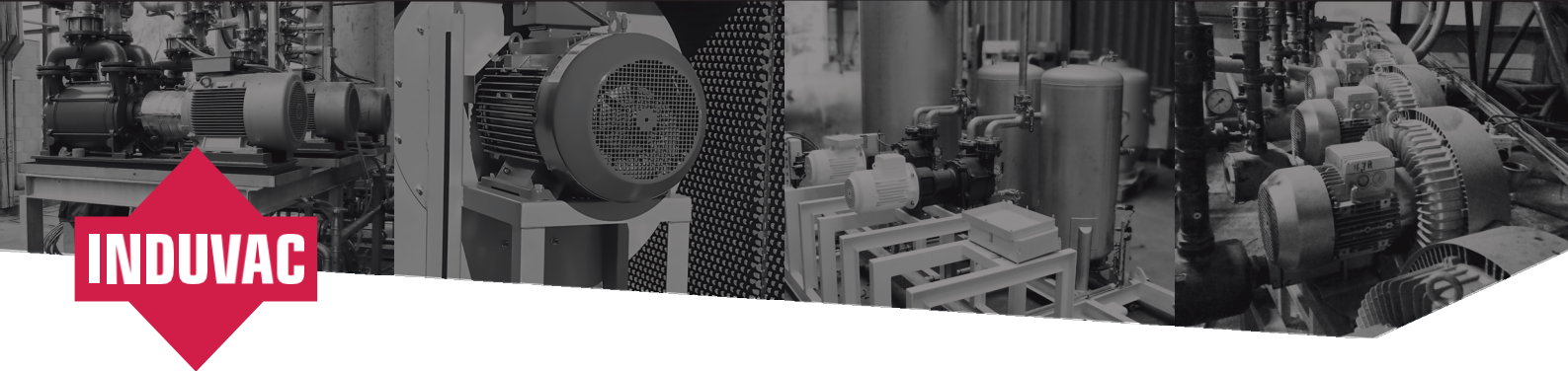
Features

- ♦ 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

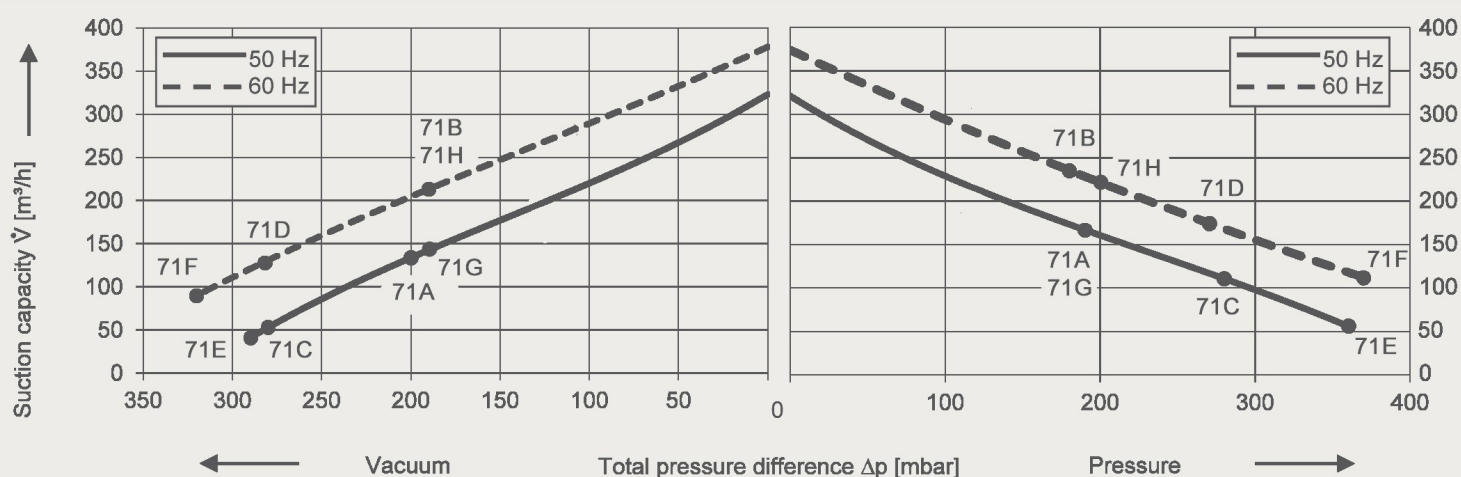




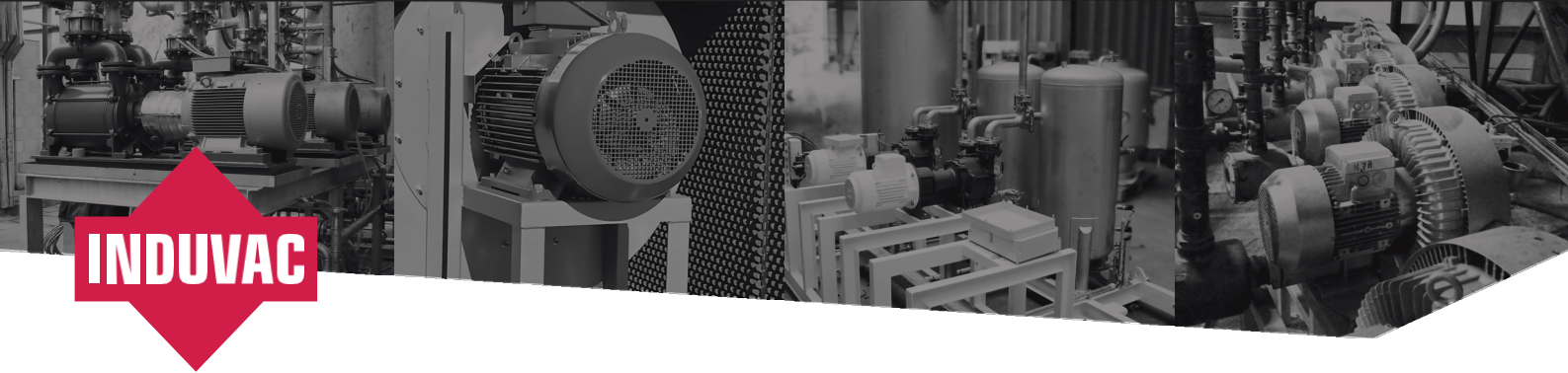
Technical data

Type No.	Curve No.	Freq.	Power	Voltage		Current		Capacity	Pressure Difference		Sound level	Conne- tion	Weight
		Hz	kW	V		A		m ³ /hr	Vacuum mbar	Pressure mbar	dB(A)	"G	kg
VC 322-710	71A	50	2,50	220-240 Δ	380-420 Y	8,60 Δ	5,00 Y	318	-200	190	69	2	39
	71B	60	3,00	Δ	440-480 Y	Δ	5,20 Y	376	-190	180	72	2	39
		50	2,20 IE3	220-240 Δ	380-420 Y	7,70 Δ	4,40 Y						
		60	2,55 IE3	Δ	440-480 Y	Δ	4,40 Y						
VC 122-710	71G	50	2,20	230		12,80		318	-190	190	72	2	34
	71H	60	2,55	230		12,80		376	-190	200	74	2	34
VC 330-710	71C	50	3,45	220-240 Δ	380-420 Y	12,00 Δ	6,90 Y	318	-260	270	69	2	40
	71D	60	4,00	Δ	440-480 Y	Δ	6,70 Y	376	-260	250	72	2	40
		50	3,00 IE3	220-240 Δ	380-420 Y	9,90 Δ	5,70 Y						
		60	3,45 IE3	Δ	440-480 Y	Δ	5,60 Y						
VC 340-710	71E	50	4,60	380-420 Δ	660-725 Y	8,60 Δ	5,00 Y	318	-290	360	69	2	55
	71F	60	5,30	460-520 Δ	790-870 Y	8,40 Δ	4,80 Y	376	-330	360	72	2	55
		50	4,00 IE3	380-420 Δ	660-725 Y	7,40 Δ	4,30 Y						
		60	4,60 IE3	440-480 Δ	Y	7,40 Δ	Y						

Curves

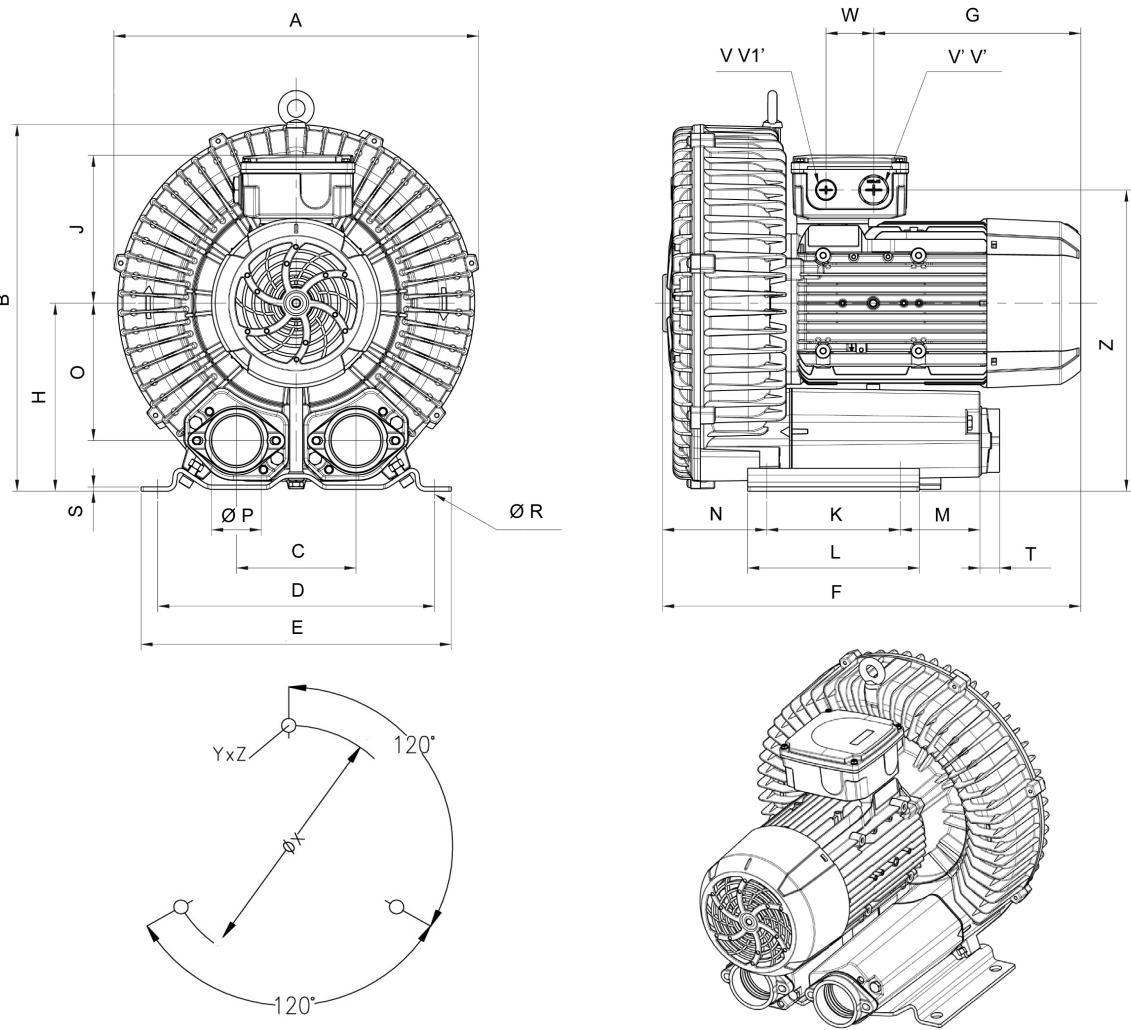


Curves are valid for dry air, with a temperature of 15°C at the inlet and a pressure of 1013 m bar(a) at the inlet or outlet connection (for over- or under-pressure application respectively). The tolerance on capacity is +/- 10%. No rights can be derived from the sketches, dimensions and contents of 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	N
71A / 71B	VC 322-710	382	384	125	290	325	438	217	197	155	140	180	84	109
71C / 71D	VC 330-710	382	384	125	290	325	465	250	197	166	140	180	84	109
71E / 71F	VC 340-710	382	384	125	290	325	450	234	197	177	140	180	84	109
71G / 71H	VC 122-710	382	384	125	290	325	377	191	197	128	140	180	84	109
Curve No.	Type	O	P	ØR	S	T	V	V'	V1	V1'	YxZ	X-holes	ØX	Z
71A / 71B	VC 322-710	144	G2"	15	4.5	21	M25 X 1.5	M16 X 1.5			M10 x20	0°/120°/240°	Ø240	316
71C / 71D	VC 330-710	144	G2"	15	4.5	21	M32 X 1.5	M32 X 1.5	M32 X 1.5	M32 X 1.5	M10 x20	0°/120°/240°	Ø240	316
71E / 71F	VC 340-710	144	G2"	15	4.5	21	M32 X 1.5	M32 X 1.5	M32 X 1.5	M32 X 1.5	M10 x20	0°/120°/240°	Ø240	316
71G / 71H	VC 122-710	144	G2"	15	4.5	21	M25 X 1.5	M16 X 1.5			M10 x20	0°/120°/240°	Ø240	316