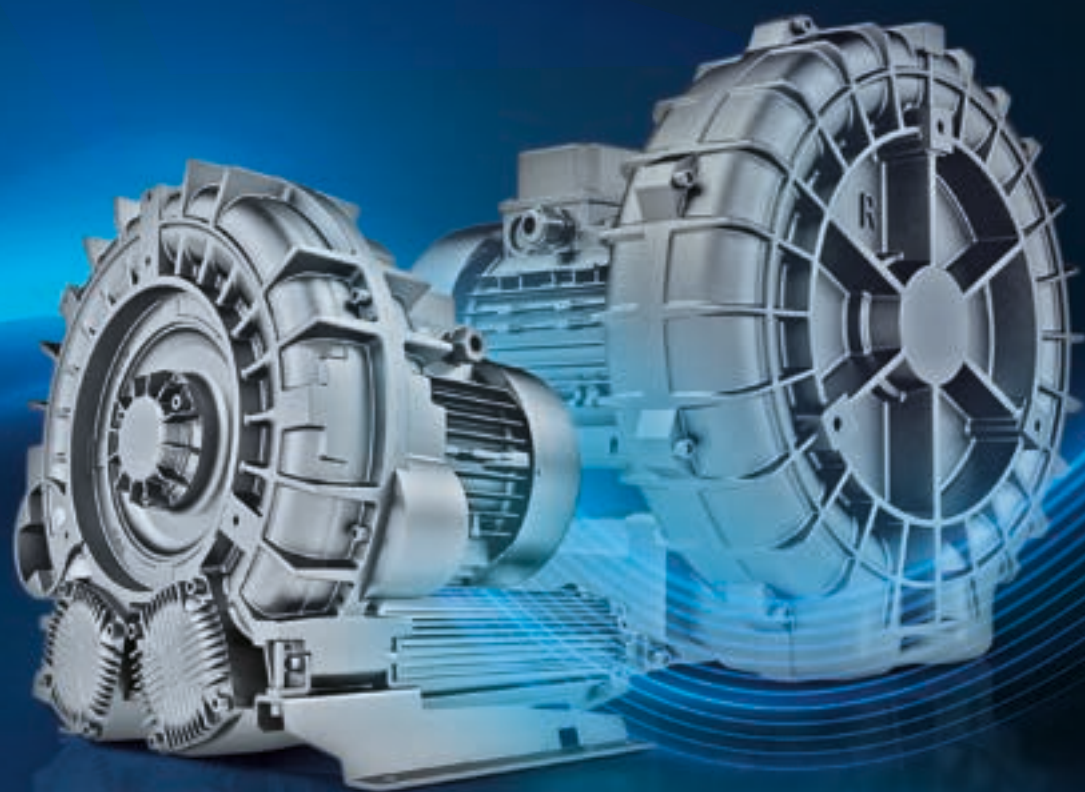


FPZ

Side channel blowers



FPZ's expertise

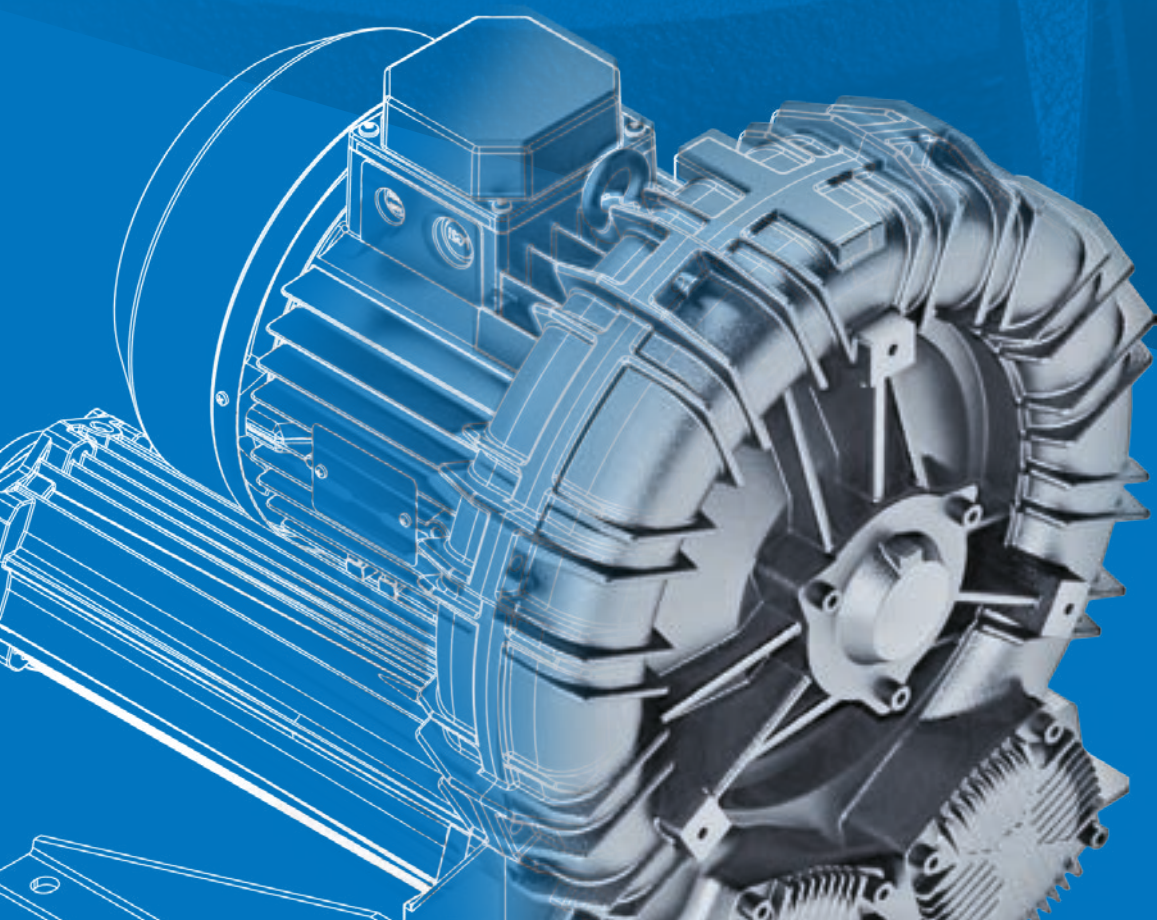
Harmony, power and simplicity
in fluid handling.

FPZ is an Italian multinational company producing Side Channel Blowers to treat air, technical gases and biogas during all compression and aspiration phases.

The presence of our company on the international market can rely on 9 branch offices all over the world and a global network which involves agents and distributors in more than 70 countries. The company's mission is to provide its clients with a significant range of blowers and their related accessories.

Such blowers and accessories can be applied to a variety of industrial sectors, ensuring an excellent level of trustworthiness and compliance with the delivery times. Supporting its clients and customizing its products are two cornerstones of FPZ's activities.

Our company connects pre-sales and after-sales services with a degree of productive flexibility capable of meeting the needs of the relevant markets. FPZ's main goal is to develop and warrant technically advanced machinery, manufactured according to the "Lean Manufacturing" method, which ensures the absence of flaws, the quality of our products and punctuality in the services we provide.



Choosing FPZ



CUSTOMER CENTRICITY

By listening to the needs of our customers, we put the whole of our expertise at their disposal, providing them with tailored solutions and professional consulting in order to make everybody's job easier.



CONTINUOUS INNOVATION

Our methodology is a paradigm of our endless endeavour towards improving our products and processes, by testing advanced technologies, thanks to our investments in innovation and development, with the final goal of enhancing our performances and reliability at every level.

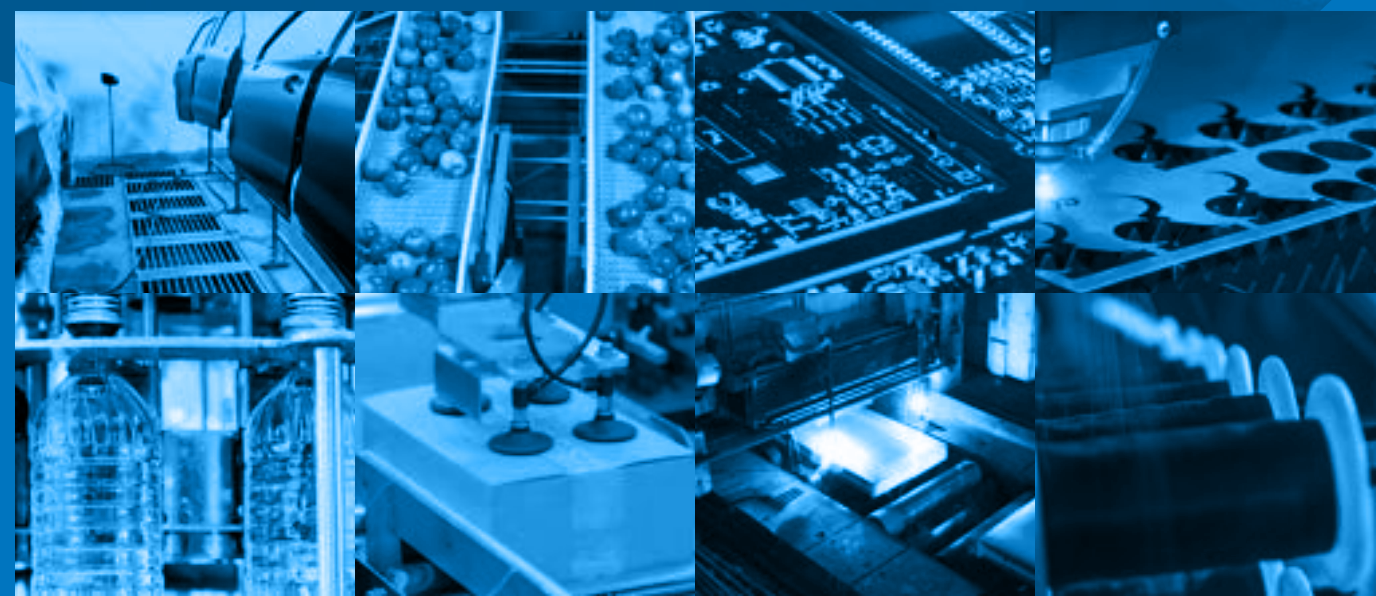


VALORISING PEOPLE

The valorisation of people, together with active listening and mutual confidence, as well as continuous education and training, are the pillars of our philosophy and the cornerstone of what we are.

The fields of application

- Food & Beverage
- Painting
- Water treatment
- Industrial automation
- Textiles
- Chemicals - pharmaceuticals
- Pulp, paper and print
- Plastic
- Elettronic
- Packaging
- Oil & Gas
- Metal working and mining



FPZ's production

Every day, FPZ works to create value for its customers, offering intelligent fluid handling solutions.

In order to manufacture technically advanced machinery, FPZ relies on the "lean" methodology, focused on reducing waste, as well as on simplifying procedures and strategy, in compliance with a "Pull" approach. The implementation of a lean

system allows to efficiently plan production, as we can tell our operators what they have to work on, therefore reducing stop times for machinery while ensuring the availability of the materials whenever and everywhere needed. Our system, integrated with "visual" management makes swift and easy production possible, driven by our clients' needs.



Flow Global Support™

The service that follows you always and everywhere. Or anticipates you.

FPZ works every day to improve their customers' satisfaction; that's why we have decided to develop our Flow Global Support customer service, a simple, professional and efficient tool to actively support all the needs of our customers.

From installation to upkeep and care, we can provide swift and reliable support to our clients. A team of specialists is ready to intervene, offering the right service at the right time, while accompanying our customers during every phase of the life cycle of our products.



A team of specialists is always at your disposal

Our international team of engineers and support experts is fully trained and ready to act on our machinery, ensuring top-tier maintenance, as genuine parts are used in order to prolong the operational life of our products.



You can rest assured of our tailored customer support solutions

We provide tailored solutions, agreed with our customers, based on their specific needs and on the reliability of our performances, while simplifying the procedures and improving the cost-benefit ratio at the same time.

The benefits of Flow Global Support™



OPTIMAL AND CONSTANT PERFORMANCES OVER TIME



REDUCING STOPS IN MACHINERY ACTIVITY



PROTECTING YOUR SYSTEMS



"AS NEW" PERFORMANCE FOR OUR RECONDITIONED PRODUCTS



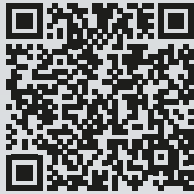
INCREASING THE OPERATIONAL LIFE OF OUR MACHINERY



REDUCING ENERGY CONSUMPTION

50 Hz - compression tables

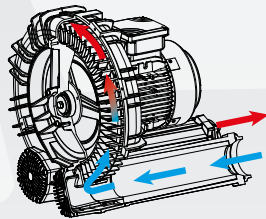
Side channel blowers



Download the IE3 blowers
data sheet catalog

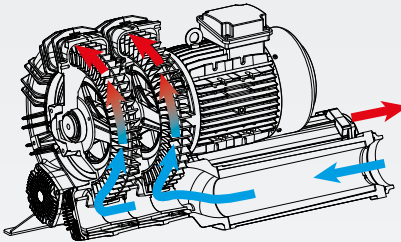
MS

Single impeller
single stage



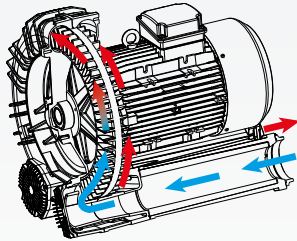
TS

Twin impeller
single stage



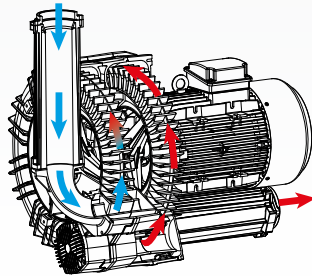
MD

Single impeller
double stage

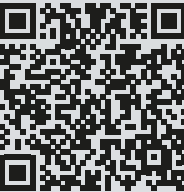


TD

Twin impeller
double stage

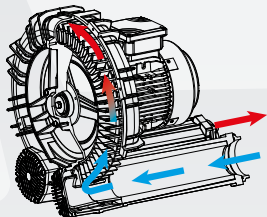


Type	Flow installed motor size																												Δp max	Q @ Δp max	P @ Δp max
	Max. flow		+ 50 hPa (mbar)		+ 100 hPa (mbar)		+ 150 hPa (mbar)		+ 200 hPa (mbar)		+ 250 hPa (mbar)		+ 300 hPa (mbar)		+ 350 hPa (mbar)		+ 400 hPa (mbar)		+ 450 hPa (mbar)		+ 500 hPa (mbar)		+ 550 hPa (mbar)		+ 600 hPa (mbar)		+ 650 hPa (mbar)				
	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW			
06R MS	55.0	0.20	30.8	0.20																								90	0	0.20	
K03 MS	74.0	0.37	56.2	0.37	38.4	0.37	20.7	0.55																				150	20.7	0.55	
K04 MS	137.0	0.75	116.6	0.75	96.2	0.75	75.7	0.75	55.2	1.10	34.6	1.50																250	34.6	1.50	
K05 MS	219.0	1.10	192.5	1.10	166.0	1.10	139.4	1.50	112.8	2.20	86.2	2.20	59.5	3.00														300	59.5	3.00	
K06 MS	304.0	2.20	273.2	2.20	242.4	2.20	211.7	2.20	181.0	3.00	150.3	4.00	119.6	4.00	95.1	4.00												350	95.1	4.00	
e07 MS	429	2.20	390	2.20	353	2.20	317	3.00	282	4.00	249	4.00	217	5.50	187	5.50												300	187	5.50	
K75 MS	477.0	4.00	430.6	4.00	384.1	4.00	337.7	4.00	291.4	5.50	245.0	5.50	198.7	7.50														325	175.6	7.50	
e08 MS	561	3.00	519	3.00	478	3.00	438	4.00	399	5.50	360	5.50	322	7.50	284	7.50	248	9.20										425	230	9.20	
e09 MS	643	4.00	622	4.00	572	4.00	523	5.50	475	5.00	428	7.50	382	7.50	337	9.20	292	11.00										425	271	11.00	
e10 MS	823	5.50	772	5.50	721	5.50	669	5.50	616	7.50	562	9.20	508	9.20	452	11.00	396	15.00										425	368	15.00	
e11 MS	944	7.50	895	7.50	847	7.50	799	7.50	752	9.20	706	11.00	660	11.00	615	15.00	571	15.00	528	18.50								450	528	18.50	
e12 MS	1212	9.20	959	9.20	906	9.20	854	9.20	801	11.00	749	15.00	697	15.00	645	15.00	593	18.50	542	18.50								450	542	18.50	
K05 TS	408.0	3.00	358.6	3.00	309.1	3.00	259.5	3.00	209.7	4.00	159.8	4.00																250	159.8	4.00	
K05-66 TS	334.0	4.00	315.3	4.00	286.3	4.00	247.1	4.00	197.8	4.00																		235	157.3	4.00	
K06 TS	562.0	4.00	506.3	4.00	450.7	4.00	395.0	5.50	339.4	5.50	283.8	7.50	228.2	7.50														300	228.2	7.50	
e07 TS	830	5.50	750	5.50	672	5.50	595	5.50	520	7.50	446	9.20	374	11.00														325	339	11.00	
e08 TS	1012	7.50	957	7.50	901	7.50	843	9.20	784	11.00	723	11.00	661	15.00	598	15.00												375	566	15.00	
e09 TS	1326	11.00	1233	11.00	1139	11.00	1046	11.00	953	11.00	860	15.00	767	15.00	674	18.50												375	628	18.50	
e10 TS	1579	11.00	1463	11.00	1350	11.00	1241	11.00	1134	15.00	1031	18.50																275	981	18.50	
e11 TS	1856	15.00	1742	15.00	1636	15.00	1537	15.00	1445	18.50	1360	22.00																275	1320	22.00	
e12 TS	2106	15.00	1966	15.0	1834	15.00	1711	15.00	1596	18.50	1489	22.00																250	1489	22.00	
15DH MD	50.0	0.55	42.9	0.55	37.2	0.55	31.3	0.55	25.4	0.55	19.6	0.55	14.2	0.55														300	14.2	0.55	
R20 MD	60.0	0.75	52.1	0.75	44.5	0.75	37.4	0.75	30.6	0.75	24.2	0.75	18.1	0.75	12.5	1.10	7.2	1.10										400	7.2	1.10	
R30 MD	91.0	1.10	80.9	1.10	71.4	1.10	62.5	1.10	54.1	1.10	46.2	1.10	38.9	1.10	32.2	1.50	26.0	1.50										425	23.1	1.50	
R40 MD	117.0	2.20	107.6	2.20	98.5	2.20	89.7	2.20	81.1	2.20	72.9	2.20	64.9	2.20	57.1	2.20	49.7	2.20	42.5	3.00	35.6	3.00						500	35.6	3.00	
e07 MD	209	3.00	197	3.00	186	3.00	175	3.00	164	3.00	153	3.00	143	3.00	133	3.00	124	3.00	114	3.00	105	4.00	96	4.00	88	5.50	80	5.50	650	80	5.50
e08 MD	255	4.00	245	4.00	235	4.00	225	4.00	215	4.00	206	4.00	197	4.00	188	4.00	179	5.50	171	5.50	163	5.50	155	5.50	148	7.50	141	7.50	650	141	7.50
e09 MD	325	5.50	310	5.50	296	5.50	282	5.50	269	5.50	257	5.50	246	5.50	236	5.50	226	5.50	217	7.50	209	7.50	202	7.50	196	7.50		600	196	7.50	
e10 MD	395	7.50	378	7.50	362	7.50	347	7.50	332	7.50	318	7.50	305	7.50	293	7.50	281	7.50	271	7.50	260	7.50	251	9.20	243	9.20	235	9.20	650	235	9.20
e11 MD	458	7.50	440	7.50	423	7.50	406	7.50	390	7.50	374	7.50	359	7.50	344	7.50	329	9.20	315	9.20	301	9.20	288	11.00	275	11.00	263	11.00	650	263	11.00
e12 MD	521	9.20	500	9.20	479	9.20	459	9.20	439	9.20	419	9.20	400	9.20	381	9.20	362	9.20	344	11.00	326	11.00	308	11.00	291	15.00	274	15.00	650	240	15.00
K04 TD	139.0	2.20	127.6	2.20	116.3	2.20	104.9	2.20	93.6	2.20	82.4	2.20	71.1	2.20	59.9	2.20	48.7	2.20										400	48.7	2.20	
K05 TD	215.0	3.00	202.3	3.00	189.7	3.00	177.0	3.00	164.3	3.00	151.7	3.00	139.0	3.00	126.3	3.00	113.6	4.00	100.9	4.00								475	94.6	4.00	
K06 TD	312.0	4.00	297.9	4.00	283.7	4.00	269.5	4.00	255.4	4.00	241.2	4.00	227.0	5.50	212.9	5.50	198.7	5.50	184.5	7.50	170.3	7.50	156.1	7.50				550	156.1	7.50	
e07 TD	432	5.50	410	5.50	389	5.50	369	5.50	349	5.50	330	5.50	311	5.50	293	7.50	276	7.50	259	7.50	242	9.20	226	9.20				550	226	9.20	
e08 TD	577	7.50	554	7.50	532	7.50	510	7.50	489	7.50	468	7.50	447	7.50	428	9.20	408	9.20	389	11.00	371	11.00	353	11.00	336	15.00		600	336	15.00	
e09 TD	670	11.00	646	11.00	622	11.00	599	11.00	577	11.00	555	11.00	533	11.00	512	11.00	492	11.00	472	15.00	452	15.00	434	15.00	415	15.00		600	415	15.00	
e10 TD	836	11.00	807	11.00	779	11.00	751	11.00	724	11.00	698	11.00	672	11.00	647	15.00	622	15.00	597	15.00	573	18.50	550	18.50				550	550	18.50	
e11 TD	969	15.00	941	15.00	915	15.00	891	15.00	867	15.00	844	15.00	823	15.00	803	15.00	784	18.50	767	18.50								450	767	18.50	
e12 TD	1046	15.00	1017	15.00	987	15.00	958	15.00	929	15.00	900	15.00	872	15.00	844	18.50	816	18.50	789	22.00								450	789	22.00	



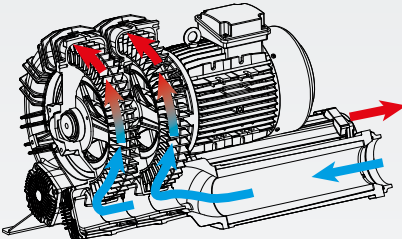
MS

Single impeller
single stage



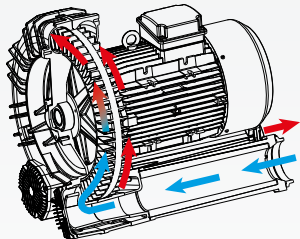
TS

Twin impeller
single stage



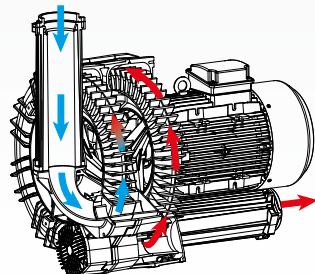
MD

Single impeller
double stage

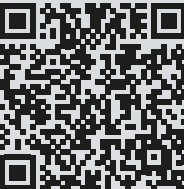


TD

Twin impeller
double stage

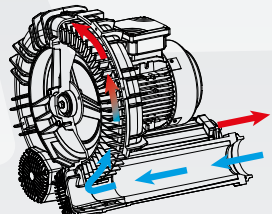


Type	Flow installed motor size																				Δp max	Q @ Δp max	P @ Δp max
	Max. flow		- 50 hPa (mbar)		- 100 hPa (mbar)		- 150 hPa (mbar)		- 200 hPa (mbar)		- 250 hPa (mbar)		- 300 hPa (mbar)		- 350 hPa (mbar)		- 400 hPa (mbar)		- 450 hPa (mbar)				
	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW			
06R MS	55.0	0.20	29.7	0.20																	- 82	0	0.20
K03 MS	74.0	0.37	55.1	0.37	34.7	0.37															- 125	23.8	0.55
K04 MS	137.0	0.75	115.9	0.75	91.8	0.75	64.8	0.75	34.9	1.10											- 200	34.9	1.10
K05 MS	219.0	1.10	191.8	1.10	160.7	1.10	125.8	1.50	87.0	2.20											- 240	53.1	2.20
K06 MS	304.0	2.20	272.6	2.20	236.6	2.20	195.9	2.20	150.5	3.00	100.5	4.00									- 270	79.2	4.00
e07 MS	429	2.20	388	2.20	345	2.20	301	3.00	254	4.00	204	4.00									- 275	179	4.00
K75 MS	477.0	4.00	429.9	4.00	375.7	4.00	314.5	4.00	246.4	5.50	171.2	5.50									- 250	171.2	5.50
e08 MS	561	3.00	517	3.00	468	3.00	415	4.00	360	5.50	300	5.50	238	7.50							- 300	238	7.50
e09 MS	673	4.00	621	4.00	562	4.00	497	5.50	428	5.50	353	7.50	273	7.50							- 300	273	7.50
e10 MS	823	5.50	771	5.50	713	5.50	645	5.50	567	7.50	480	9.20	383	9.20							- 300	383	9.20
e11 MS	944	7.50	892	7.50	841	7.50	782	7.50	715	0.20	640	9.20	557	11.00	466	15.00					- 350	466	15.00
e12 MS	1012	9.20	959	9.20	900	9.20	833	9.20	757	9.20	672	11.00	579	15.00							- 325	529	15.00
K05 TS	408.0	3.00	357.2	3.00	299.1	3.00	233.8	3.00	161.2	4.00											- 225	122.2	4.00
K05-66 TS	334.0	4.00	318.6	4.00	281.6	4.00	223.0	4.00	142.9	4.00											- 210	124.3	4.00
K06 TS	562.0	4.00	505.3	4.00	440.3	4.00	366.9	5.50	285.2	5.50	195.0	7.50									- 250	195	7.50
e07 TS	830	5.50	744	5.50	650	5.50	552	5.50	451	7.50											- 225	399	7.50
e08 TS	1012	7.50	948	7.50	883	7.50	808	9.20	722	9.20	625	11.00	518	15.00							- 300	518	15.00
e09 TS	1326	11.00	1229	11.00	1121	11.00	997	11.00	859	11.00	705	15.00	537	15.00							- 300	537	15.00
e10 TS	1579	11.00	1458	11.00	1337	11.00	1199	11.00	1044	15.00	873	18.50									- 275	781	18.50
e11 TS	1856	15.00	1734	15.00	1613	15.00	1485	15.00	1352	18.50	1212	18.50	1065	22.00							- 300	1065	22.00
e12 TS	2106	15.00	1958	15.00	1806	15.00	1646	15.00	1478	18.50	1302	22.00									- 250	1302	22.00
15DH MD	50.0	0.55	42.6	0.55	35.5	0.55	27.2	0.55	18.3	0.55	8.9	0.55									- 275	4.3	0.55
R20 MD	60.0	0.75	50.6	0.75	41.6	0.75	32.8	0.75	24.4	0.75	16.4	0.75	8.6	0.75							- 300	8.6	0.75
R30 MD	91.0	1.10	80.1	1.10	69.3	1.10	58.7	1.10	48.2	1.10	38.0	1.10	27.9	1.10	17.9	1.50					- 350	17.9	1.50
R40 MD	117.0	2.20	106.9	2.20	96.5	2.20	85.7	2.20	74.4	2.20	62.8	2.20	50.8	2.20	38.4	2.20					- 350	38.4	2.20
e07 MD	209	3.00	197	3.00	183	3.00	169	3.00	154	3.00	138	3.00	122	3.00	105	3.00	87	3.00	68	4.00	- 450	68	4.00
e08 MD	255	4.00	144	4.00	233	4.00	221	4.00	208	4.00	194	4.00	179	4.00	164	4.00	148	4.00	131	5.50	- 450	131	5.50
e09 MD	325	5.50	311	5.50	291	5.50	273	5.50	255	5.50	238	5.50	221	5.50	206	5.50	191	5.50			- 400	191	5.50
e10 MD	395	7.50	378	7.50	359	7.50	339	7.50	318	7.50	297	7.50	275	7.50	251	7.50	227	7.50			- 400	227	7.50
e11 MD	458	7.50	443	7.50	425	7.50	405	7.50	383	7.50	359	7.50	333	7.50	306	7.50	276	7.50			- 400	276	7.50
e12 MD	521	9.20	498	9.20	474	9.20	448	9.20	419	9.20	388	9.20	354	9.20	318	9.20	279	9.20			- 400	279	9.20
K04 TD	139.0	2.20	127.6	2.20	114.5	2.20	99.6	2.20	82.9	2.20	64.5	2.20									- 275	54.6	2.20
K05 TD	215.0	3.00	203.4	3.00	189.2	3.00	172.5	3.00	153.3	3.00	131.6	3.00	107.3	3.00	80.4	3.00	51.0	4.00			- 400	51	4.00
K06 TD	312.0	4.00	299.0	4.00	283.1	4.00	264.4	4.00	242.8	4.00	218.4	4.00	191.2	5.50	161.1	5.50	128.2	5.50			- 400	128.2	5.50
e07 TD	432	5.50	406	5.50	382	5.50	356	5.50	327	5.50	297	5.50	265	5.50	230	5.50	194	7.50			- 400	194	7.50
e08 TD	577	7.50	555	7.50	528	7.50	500	7.50	470	7.50	439	7.50	406	7.50	372	7.50	337	9.20			- 400	337	9.20
e09 TD	670	11.00	646	11.00	619	11.00	589	11.00	555	11.00	518	11.00	478	11.00	434	11.00	388	11.00	337	11.00	- 450	337	11.00
e10 TD	836	11.00	806	11.00	774	11.00	738	11.00	698	11.00	653	11.00	604	11.00	551	11.00	494	15.00	433	15.00	- 450	433	15.00
e11 TD	969	15.00	938	15.00	911	15.00	881	15.00	850	15.00	817	15.00	782	15.00	745	15.00	706	15.00			- 400	706	15.00
e12 TD	1046	15.00	1024	15.00	991	15.00	953	15.00	910	15.00	862	15.00	808	15.00	750	18.50	687	18.50			- 400	687	18.50



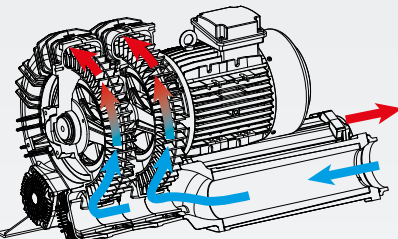
MS

Single impeller
single stage



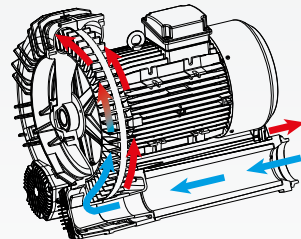
TS

Twin impeller
single stage



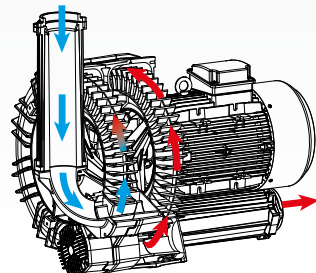
MD

Single impeller
double stage

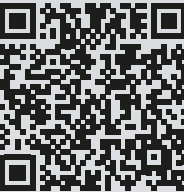


TD

Twin impeller
double stage

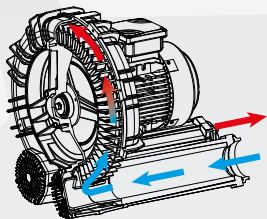


Type	Flow installed motor size																										Δp max	Q @ Δp max	P @ Δp max		
	Max. flow		+ 50 hPa (mbar)		+ 100 hPa (mbar)		+ 150 hPa (mbar)		+ 200 hPa (mbar)		+ 250 hPa (mbar)		+ 300 hPa (mbar)		+ 350 hPa (mbar)		+ 400 hPa (mbar)		+ 450 hPa (mbar)		+ 500 hPa (mbar)		+ 550 hPa (mbar)		+ 600 hPa (mbar)					+ 650 hPa (mbar)	
	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW				m³/h	kW
06R MS	66.0	0.23	42.5	0.23	17.4	0.40																						130	0	0.40	
K03 MS	89.0	0.42	74.4	0.42	59.8	0.42	45.4	0.65	31.0	0.65																		200	31	0.65	
K04 MS	166.0	0.90	148.9	0.90	131.9	0.90	114.9	1.30	98.0	1.70	81.1	1.70																250	81.1	1.70	
K05 MS	265.0	1.30	242.9	1.30	220.8	1.30	198.8	1.70	176.8	2.60	154.8	2.60	132.9	3.50	111.0	3.50												350	111	3.50	
K06 MS	366.0	2.60	340.5	2.60	315.1	2.60	289.7	3.50	264.2	3.50	238.8	4.80	213.4	4.80														325	200.7	4.80	
e07 MS	517	2.20	484	2.20	451	3.00	420	4.00	389	5.50	359	5.50																275	344	5.50	
K75 MS	576.0	4.80	537.5	4.80	499.1	4.80	460.7	4.80	422.3	6.50	383.9	9.00	345.5	9.00														300	345.5	9.00	
e08 MS	677	3.00	641	3.00	605	4.00	570	5.50	536	7.50	502	7.50	468	7.50	435	9.20	402	11.00										425	386	11.00	
e09 MS	813	4.00	769	4.00	725	5.50	683	7.50	640	7.50	599	9.20	558	11.00	517	11.00												350	517	11.00	
e10 MS	993	5.50	950	5.50	906	7.50	861	9.20	817	9.20	771	11.00	726	15.00	679	15.00	632	15.00										400	632	15.00	
e11 MS	1140	7.50	1097	7.50	1055	7.50	1014	9.20	973	11.00	932	15.00	892	15.00	852	18.50	813	18.50										425	794	18.50	
e12 MS	1221	9.20	1175	9.20	1130	11.00	1085	15.00	1040	15.00	995	15.00	950	18.50														325	927	18.50	
K05 TS	493.0	3.50	451.9	3.50	410.8	3.50	369.9	4.80	329.0	4.80																		210	320.9	4.80	
K06 TS	679.0	4.80	633.1	4.80	587.0	4.80	540.8	6.50	494.5	9.00	448.0	9.00																275	424.8	9.00	
e07 TS	1002	5.50	933	5.50	865	7.50	798	7.50	732	9.20	667	11.00																250	667	11.00	
e08 TS	1222	7.50	1174	7.50	1126	11.00	1078	15.00	1028	15.00	977	15.00																250	977	15.00	
e09 TS	1600	11.00	1520	11.00	1440	11.00	1359	15.00	1279	15.00	1199	18.50																275	1159	18.50	
e10 TS	1906	11.00	1806	11.00	1707	15.00	1611	18.50	1517	18.50																		200	1517	18.50	
e11 TS	2240	15.00	2141	15.00	2047	18.50	1957	22.00																				175	1914	22.00	
e12 TS	2542	15.00	2420	15.00	2304	15.50	2193	22.00																				175	2139	22.00	
15DH MD	58.0	0.63	53.5	0.63	48.2	0.63	43.8	0.63	38.8	0.63	34.5	0.63																275	31.8	0.63	
R20 MD	70.0	0.90	62.7	0.90	55.6	0.90	48.8	0.90	42.3	0.90	36.1	0.90	30.2	1.30	24.6	1.30	19.3	1.30	14.2	1.30								450	14.2	1.30	
R30 MD	110.0	1.30	101.8	1.30	93.9	1.30	86.3	1.30	78.9	1.30	71.8	1.30	65.0	1.30	58.4	1.70	52.2	1.70										425	49.1	1.70	
R40 MD	137.0	2.60	130.0	2.60	123.0	2.60	116.0	2.60	109.1	2.60	102.1	2.60	95.2	2.60	88.3	2.60	81.4	2.60	74.5	3.50	67.6	3.50						500	67.6	3.50	
e07 MD	252	3.00	242	3.00	232	3.00	223	3.00	213	3.00	204	3.00	194	4.00	185	4.00	176	4.00	168	5.50	159	5.50	151	5.50	143	5.50	135	5.50	650	135	5.50
e08 MD	308	4.00	299	4.00	290	4.00	281	4.00	273	5.50	265	5.50	256	5.50	248	5.50	240	7.50	233	7.50	225	7.50	218	7.50				550	218	7.50	
e09 MD	393	5.50	379	5.50	367	5.50	355	5.50	343	5.50	332	5.50	321	7.50	311	7.50	301	7.50	292	7.50								450	292	7.50	
e10 MD	476	7.50	462	7.50	448	7.50	434	7.50	421	7.50	408	7.50	396	7.50	384	9.20	373	9.20	362	9.20								450	362	9.20	
e11 MD	553	7.50	537	7.50	523	7.50	508	7.50	493	7.50	479	9.20	465	9.20	452	11.00	439	11.00	425	11.00								450	425	11.00	
e12 MD	629	9.20	611	9.20	593	9.20	575	9.20	557	9.20	540	9.20	523	11.00	506	11.00	489	15.00	473	15.00	456	15.00	440	15.00	425	15.00		600	425	15.00	
K04 TD	168.0	2.60	158.7	2.60	149.4	2.60	140.1	2.60	130.7	2.60	121.4	2.60	112.1	2.60	102.7	2.60												350	102.7	2.60	
K05 TD	259.0	3.50	248.6	3.50	238.1	3.50	227.6	3.50	217.1	3.50	206.6	3.50	196.1	3.50	185.6	4.80	175.0	4.80										425	169.7	4.80	
K06 TD	376.0	4.80	364.2	4.80	352.5	4.80	340.7	4.80	329.0	4.80	317.2	6.50	305.4	6.50	293.7	6.50	281.9	9.00	270.2	9.00	258.4	9.00						525	252.6	9.00	
e07 TD	521	5.50	502	5.50	484	5.50	466	5.50	449	5.50	432	7.50	415	7.50	398	7.50	382	9.20	366	9.20								450	366	9.20	
e08 TD	696	7.50	677	7.50	657	7.50	638	7.50	619	9.20	601	9.20	583	11.00	565	11.00	547	15.00	530	15.00	513	15.00	496	15.00				550	496	15.00	
e09 TD	808	11.00	787	11.00	767	11.00	747	11.00	727	11.00	708	11.00	688	15.00	670	15.00	651	15.00	633	15.00	615	18.50	597	18.50	580	18.50		600	580	18.50	
e10 TD	1009	11.00	984	11.00	960	11.00	936	11.00	912	15.00	888	15.00	865	15.00	843	18.50	820	18.50										400	820	18.50	
e11 TD	1169	15.00	1146	15.00	1123	15.00	1101	15.00	1079	15.00	1059	18.50	1039	18.50														300	1039	18.50	
e12 TD	1263	15.00	1237	15.00	1212	15.00	1186	18.50	1161	18.50	1136	22.00	1112	22.00	1087	22.00												350	1087	22.00	



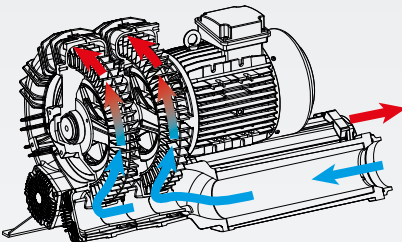
MS

Single impeller
single stage



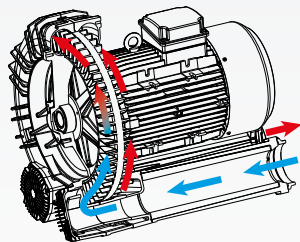
TS

Twin impeller
single stage



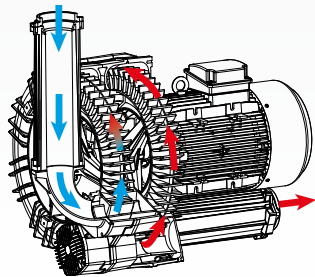
MD

Single impeller
double stage



TD

Twin impeller
double stage



Type	Flow installed motor size																				Δp max	Q @ Δp max	P @ Δp max
	Max. flow		- 50 hPa (mbar)		- 100 hPa (mbar)		- 150 hPa (mbar)		- 200 hPa (mbar)		- 250 hPa (mbar)		- 300 hPa (mbar)		- 350 hPa (mbar)		- 400 hPa (mbar)		- 450 hPa (mbar)				
	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW	m³/h	kW			
06R MS	66.0	0.23	43.6	0.23	15.7	0.40															- 120	0	0.40
K03 MS	89.0	0.42	74.3	0.42	57.4	0.42	38.3	0.65													- 175	28	0.65
K04 MS	166.0	0.90	148.6	0.90	128.6	0.90	106.2	1.30	81.4	1.70	54.0	1.70									- 250	54	1.70
K05 MS	265.0	1.30	242.4	1.30	216.5	1.30	187.3	1.70	154.9	2.60	119.2	2.60									- 260	111.6	2.60
K06 MS	366.0	2.60	340.7	2.60	311.2	2.60	277.6	3.50	239.8	3.50	197.9	4.80									- 275	175.3	4.80
e07 MS	517	2.20	479	2.20	439	3.00	397	4.00	354	5.50	309	5.50									- 275	286	5.50
K75 MS	576.0	4.80	536.4	4.80	491.3	4.80	440.8	4.80	384.9	6.50											- 200	384.9	6.50
e08 MS	677	3.00	635	3.00	590	4.00	541	5.50	491	5.50	437	7.50	381	7.50							- 300	381	7.50
e09 MS	813	4.00	764	4.00	708	5.50	650	7.50	587	7.50	520	9.20	450	9.20							- 300	450	9.20
e10 MS	993	5.50	944	5.50	891	7.50	831	7.50	764	9.20	689	11.00	607	11.00							- 300	607	11.00
e11 MS	1140	7.50	1088	7.50	1042	7.50	990	9.20	931	11.00	867	15.00	797	15.00	720	15.00					- 350	720	15.00
e12 MS	1221	9.20	1171	9.20	1117	9.20	1057	11.00	991	15.00	918	15.00	838	15.50							- 325	796	18.50
K05 TS	493.0	3.50	450.5	3.50	402.3	3.50	348.4	4.80	288.7	4.80											- 210	276.1	4.80
K06 TS	679.0	4.80	632.0	4.80	578.1	4.80	517.3	6.50	449.5	9.00	374.9	9.00									- 250	374.9	9.00
e07 TS	1002	5.50	921	5.50	832	7.50	741	7.50	647	9.20											- 225	599	9.20
e08 TS	1222	7.50	1159	7.50	1101	9.20	1034	11.00	959	15.00	877	15.00									- 275	832	15.00
e09 TS	1600	11.00	1509	11.00	1410	11.00	1300	11.00	1178	15.00	1045	18.50	901	18.50							- 250	1090.1	22.00
e10 TS	1857.0	13.00	1771.7	13.00	16738	13.00	1563.2	17.00	1440.1	22.00	1304.4	22.00									- 300	901	18.50
e11 TS	2240	15.00	2122	15.00	2009	15.00	1890	18.50	1767	22.00											- 200	1767	22.00
e12 TS	2542	15.00	2401	15.00	2258	15.00	2109	18.50	1954	22.00											- 200	1954	22.00
15DH MD	58.0	0.63	53.2	0.63	47.6	0.63	41.5	0.63	34.4	0.63	26.2	0.63									- 275	22.1	0.63
R20 MD	70.0	0.90	62.5	0.90	54.8	0.90	46.9	0.90	38.7	0.90	30.4	0.90	21.8	0.90	13.0	1.30					- 350	13	1.30
R30 MD	110.0	1.30	100.7	1.30	91.1	1.30	81.3	1.30	71.2	1.30	60.9	1.30	50.4	1.30	39.6	1.70					- 375	34.2	1.70
R40 MD	137.0	2.60	128.6	2.60	119.7	2.60	110.1	2.60	99.9	2.60	89.1	2.60	77.6	2.60	65.6	2.60					- 375	59.3	2.60
e07 MD	252	3.00	241	3.00	228	3.00	215	3.00	201	3.00	186	3.00	172	4.00	156	4.00	140	4.00	124	5.50	- 450	124	5.50
e08 MD	308	4.00	297	4.00	286	4.00	275	4.00	264	4.00	251	5.50	238	5.50	225	5.50	211	5.50	196	7.50	- 450	197	7.50
e09 MD	393	5.50	380	5.50	361	5.50	343	5.50	326	5.50	309	5.50	292	5.50	276	7.50	261	7.50			- 400	261	7.50
e10 MD	476	7.50	460	7.50	443	7.50	424	7.50	405	7.50	386	7.50	365	7.50	344	7.50	322	9.20			- 400	322	9.20
e11 MD	553	7.50	538	7.50	522	7.50	504	7.50	485	7.50	464	7.50	441	9.20	417	9.20	392	9.20			- 400	392	9.20
e12 MD	629	9.20	606	9.20	585	9.20	561	9.20	535	9.20	508	9.20	478	9.20	447	11.00	414	11.00			- 400	414	11.00
K05 TD	259.0	3.50	249.5	3.50	237.9	3.50	224.1	3.50	208.2	3.50	190.1	3.50	169.9	3.50	147.6	4.80	123.0	4.80			- 400	123	4.80
K06 TD	376.0	4.80	365.3	4.80	352.3	4.80	336.8	4.80	319.0	4.80	298.7	6.50	276.1	6.50	251.1	6.50	223.7	9.00			- 400	223.7	9.00
e07 TD	521	5.50	496	5.50	474	5.50	450	5.50	424	5.50	397	7.50	368	7.50	338	7.50	306	9.20			- 400	306	9.20
e08 TD	696	7.50	677	7.50	651	7.50	625	7.50	597	7.50	569	9.20	539	9.20	509	11.00	477	11.00			- 400	477	11.00
e09 TD	808	11.00	786	11.00	761	11.00	734	11.00	704	11.00	672	11.00	637	11.00	600	15.00	560	15.00	518	15.00	- 450	518	15.00
e10 TD	1009	11.00	980	11.00	951	11.00	919	11.00	883	11.00	844	15.00	802	11.00	757	11.00	709	18.50	658	18.50	- 450	658	18.50
e11 TD	1169	15.00	1139	15.00	1113	15.00	1086	15.00	1058	15.00	1028	15.00	996	15.00	964	18.50	929	18.50			- 400	929	18.50
e12 TD	1263	15.00	1244	15.00	1214	15.00	1180	15.00	1142	15.00	1101	18.50	1055	18.50	1006	22.00	953	22.00			- 400	953	22.00

FPZ ATEX blowers

A unique ATEX 2G and 3GD range.

The FPZ range of products consists of a family of blowers/exhausters specially designed for use in ATEX environments (ATmosphere EXplosive). The machines are suitable for transporting potentially explosive fluids such as methane, biogas and technical gases in compression and vacuum systems.

FPZ blowers can work in compliance with the ATEX directive in the Zones classified 1, 2 and 22, within Group II and are available in Category 2G and 3GD. The technical performances of the 2G blowers/exhausters have been recorded with the Notification Board No. 0948 TUV ITALIA Srl which guarantees the real safety of the product and full compliance with current regulations.



ATEX 2G
ZONE 1



ATEX 3GD
ZONES 2 - 22



ATEX 3GD MOR
ZONES 2 - 22

The benefits



ATEX
CERTIFICATION



EASY
TO INSTALL



HIGH EFFICIENCY
IMPELLER



2 YEARS
OF WARRANTY



LOW NOISE
MACHINERY

Download the ATEX blowers
data sheet catalog



FPZ accessories

An accessory line designed to fully integrate with FPZ's systems.

FPZ can offer a full range of accessories, which can ensure ideal performances, efficiency and reliability, also due to their excellent pairing with our blowers.

The solutions provided by FPZ can professionally meet the need of all industry sector, both thanks to our many years of expertise and to our team of engineers and experts, always ready to help.



The advantages of choosing FPZ accessories



PROVEN
RELIABILITY



PERFECT
FUNCTIONALITY

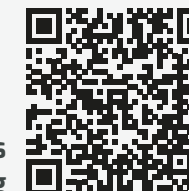


LAST
LONGER



2 YEARS
OF WARRANTY

Download the blowers
accessories catalog



Accessories for blowers

FA

Suction filter
for interiors



FV

In line
cartridge filter



FL

Suction
cartridge filter



TR

Section



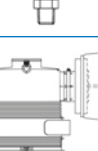
FC

In line cartridge
cyclone filte



IN

Dust load
indicators



FD

Cartridge
cyclone double
filter



FS/FD

Bracket



CA

Manifold



MC/MV

Pressure gauge
vacuum gauge



IP

Intake
protection



MP

Hose sleeve

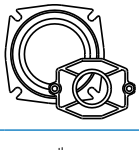


PK

Hose flange
for blower

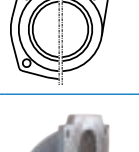
VK

Flange



TF

Threaded
flange



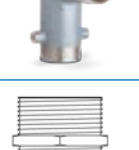
CK

Manifold



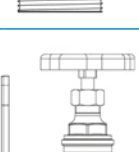
PV

Valve holder



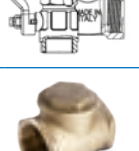
NP

Nipple



VM/VN

Ball valve /
gate valve



VC

Non-return
valve



VRL

Vacuum /
pressure relief
valve



RV/VLA

Vacuum /
pressure relief
valve



SI

In line
silencer



SS

Final
silencer



IH/SC

Soundproof
cabin



Accessories for
ATEX environment

MC/MA

Pressure gauge



TC/TA

Pressure
transducer



TE

Bimetallic
thermometer



FF

Filter



FM

Antivibration
joints



Flow reversing
valves

VI

Flow
reversing
valve



VS

Flow
reversing
valve



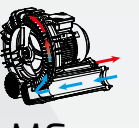
Adapter for
SCL K04



Adapter for
SCL K05 – K06

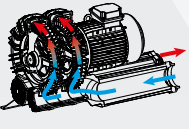


Matching accessories for blowers



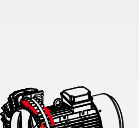
MS

Single impeller
single stage



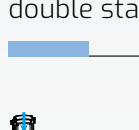
TS

Twin impeller
single stage



MD

Single impeller
double stage



TD

Twin impeller
double stage

Type	Accessories series																																	
	CA	CD	CF	CK	CL	CV	FA	FC	FD	FL	FM	FS/ FSD	FV	IH	IN	IP	MC	MP	MV	NP	PK	PV	RV	SC	SI	SS	TF	TR	VC	VLA	VK	VRL		
06R MS	N.A.	-	4	N.A.	-	-	-	-	-	3	3	-	-	-	-	-	040	3	020	-	N.A.	-	3 ⁽⁸⁾	-	-	-	-	-	3	3 ⁽⁸⁾	N.A.	-		
K03 MS	4K ⁽¹⁾	-	4	-	-	-	4	-	-	4	4	-	4	1 ⁽¹⁾	-	4 6 ⁽⁴⁾	040	4V	020	4	-	56 ^{(3) (7)}	-	-	4	4	4V	4	4	-	N.A.	6		
K04 MS	5K ⁽²⁾	5	5	5	5	5	5	5	5	5	5	5	5	3 ⁽²⁾	50	5 6 ⁽⁴⁾	040	5V	020	5	5	56	-	-	5	5	5V	5	5	-	5	6		
K05 MS	6V	6	6	6	6	6	6	6	6	6	6	6	6	5	50	6	040	6	020	6	6	66	-	-	6	6	6	6	6	-	6	6		
K06 MS	6V	6	6	6	6	6	6	6	6	6	6	6	6	5	50	6	040	6	020	6	6	66	-	-	6	6	6	6	6	-	6	6		
e07 MS	8	8	8	8	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8	040	8	020	8	8	86 ⁽⁴⁾ 88	-	8M-1	8	8	8	8	8	-	6A ⁽⁴⁾ 8	6 8		
K75 MS	8	8	8	8	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8	040	8	020	8	8	86 ⁽⁴⁾ 88	-	8M-1	8	8	8	8	8	-	6A ⁽⁴⁾ 8	6 8		
e08 MS	8	8	8	8	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8	040	8	020	8	8	86 ⁽⁴⁾ 88	-	8M-1	8	8	8	8	8	-	6A ⁽⁴⁾ 8	6 8		
e09 MS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 8	040	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	9	6 8 9		
e10 MS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 8	040	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	9	6 8 9		
e11 MS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 8	040	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	9	6 8 9		
e12 MS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 8	040	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	9	6 8 9		
K05 TS	8	8	8	8	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾	040	8	020	8	8 ⁽⁹⁾	86 ⁽⁴⁾ 88	-	8M-1	8	8	8	8	8	-	6 8 ⁽⁹⁾	6 8		
K06 TS	8	8	8	8	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾	040	8	020	8	8 ⁽⁹⁾	86 ⁽⁴⁾ 88	-	8M-1	8	8	8	8	8	-	6 8 ⁽⁹⁾	6 8		
e07 TS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	040	9	020	9	9 ⁽⁹⁾	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	6A ⁽⁴⁾ 8 ⁽⁵⁾ 9 ⁽⁹⁾	6 8 9		
e08 TS	9	9	9	9	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	040	9	020	9	9 ⁽⁹⁾	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-1	9	9	9	9	9	-	6A ⁽⁴⁾ 8 ⁽⁵⁾ 9 ⁽⁹⁾	6 8 9		
e09 TS	10	-	9	10	-	10	10	-	-	10	10	-	10	-	50	9	040	10	020	-	9	109	-	10M	-	-	10	10	10	-	9	9		
e10 TS	10	-	9	10	-	10	10	-	-	10	10	-	10	-	50	9	040	10	020	-	9	109	-	10M	-	-	10	10	10	-	9	9		
e11 TS	10	-	9	10	-	10	10	-	-	10	10	-	10	-	50	9	040	10	020	-	9	109	-	10M	-	-	10	10	10	-	9	9		
e12 TS	10	-	9	10	-	10	10	-	-	10	10	-	10	-	50	9	040	10	020	-	9	109	-	10M	-	-	10	10	10	-	9	9		
15DH MD	N.A.	-	4	N.A.	-	-	-	-	-	2	2	-	-	-	-	-	040	2	020	-	N.A.	-	3 ⁽⁸⁾	-	-	-	-	-	2	3 ⁽⁸⁾	N.A.	-		
R20 MD	4V	-	4	N.A.	-	-	4	-	-	4	4	-	4	4 ⁽¹⁾	-	4 6 ⁽⁴⁾	040	4V	020	4	N.A.	56 ^{(3) (7)}	-	-	4	4	4V 5V ⁽³⁾	4	4 5 ⁽⁴⁾	-	N.A.	6		
R30 MD	4V	-	4	N.A.	-	-	4	-	-	4	4	-	4	4 ⁽¹⁾	-	4 6 ⁽⁴⁾	040	4V	020	4	N.A.	56 ^{(3) (7)}	-	-	4	4	4V 5V ⁽³⁾	4	4 5 ⁽⁴⁾	-	N.A.	6		
R40 MD	4K ⁽¹⁾	-	4	N.A.	-	-	4	-	-	4	4	-	4	4 ⁽¹⁾	-	4 6 ⁽⁴⁾	040	4V	020	4	N.A.	56 ^{(3) (7)}	-	-	4	4	4V 5V ⁽³⁾	4	4 5 ⁽⁴⁾	-	N.A.	6		
e07 MD	6V	6	6	N.A.	6	6	6	6	6	6	6	6	6	-	50	6	050	6	020	6	6A	66	-	6M-2	6	6	6	6	6	-	6A ⁽⁶⁾	6 6HP		
e08 MD	6V	6	6	N.A.	6	6	6	6	6	6	6	6	6	-	50	6	050	6	020	6	6A	66	-	6M-2	6	6	6	6	6	-	6A ⁽⁶⁾	6 6HP		
e09 MD	9	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾	-	9M-1	9	9	9	9	9	-	9 ⁽⁶⁾	6 6HP		
e10 MD	9	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾	-	9M-1	9	9	9	9	9	-	9 ⁽⁶⁾	6 6HP		
e11 MD	9	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾	-	9M-1	9	9	9	9	9	-	9 ⁽⁶⁾	6 6HP 8		
e12 MD	9	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾	-	9M-1	9	9	9	9	9	-	9 ⁽⁶⁾	6 6HP 8		
K04 TD	N.A.	5	5	N.A.	5	5	5	5	5	5	5	5	5	-	50	5 6 ⁽⁴⁾	040	5V	020	5	5	56	-	5M-2	5	5	5V	5	5	-	N.A.	6		
K05 TD	N.A.	6	6	N.A.	6	6	6	6	6	6	6	6	6	-	50	6	040	6	020	6	6	66	-	6M-3	6	6	6	6	6	-	N.A.	6		
K06 TD	N.A.	6	6	N.A.	6	6	6	6	6	6	6	6	6	-	50	6	040	6	020	6	6	66	-	6M-3	6	6	6	6	6	-	N.A.	6		
e07 TD	N.A.	8	8	N.A.	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8	040	8	020	8	8	86 ⁽⁴⁾ 88	-	8M-2	8	8	8	8	8	-	N.A.	6 6HP 8		
e08 TD	N.A.	8	8	N.A.	8	6	8	8	8	8	8	8	8	-	50	6 ⁽⁴⁾ 8	040	8	020	8	8	86 ⁽⁴⁾ 88	-	8M-2	8	8	8	8	8	-	N.A.	6 6HP 8		
e09 TD	N.A.	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾	-	9M-2	9	9	9	9	9	-	N.A.	6 6HP 8		
e10 TD	N.A.	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾	-	9M-2	9	9	9	9	9	-	N.A.	6 6HP 8		
e11 TD	N.A.	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-2	9	9	9	9	9	-	N.A.	6 8 9		
e12 TD	N.A.	9	9	N.A.	9	9	9	9	9	9	9	9	9	-	50	6 ⁽⁴⁾ 8 ⁽⁵⁾ 9	050	9	020	9	9	96 ⁽⁴⁾ 98 ⁽⁵⁾ 99	-	9M-2	9	9	9	9	9	-	N.A.	6 8 9		

1. Manifold CA4V is also suitable if installation in soundproof cabin SC is foreseen

2. Manifold CA5V is also suitable if installation in soundproof cabin SC is foreseen

3. The use of valve VRL6 is required

4. Necessary if valve VRL6 is used

5. Necessary if valve VRL8 is used

6. Applicable only at the inlet for blowers K-MD

7. It's necessary to use the reduction 25RID-FM54

8. Accessory to be installed on the system

9. It's also necessary to use the TS manifold

Windblade™ Air Knife

Pure aerodynamic efficiency.

The Windblade™ air knives are designed to generate a uniform high-speed air flow, able to perform their function with maximum efficiency and performance, thanks also to the optimal combination with FPZ blowers.

As a result of detailed analysis on air flows and their interaction with the physical structure of the knife, the shape and internal/external geometry of the FPZ Air Knife has been designed to offer greater efficiency. Acquired by years of knowledge in the field, FPZ guarantees a great experience in drying systems.



ADJUSTABLE AIR KNIVES
MADE OF **ANODIZED
ALUMINUM ALLOY**

ADJUSTABLE AIR KNIVES
MADE OF **STAINLESS STEEL**
(AIS 304)

Benefits



GREATER
EFFICIENCY



ADJUSTABLE
SLOT



EASY
INSTALLATION



HIGH
SPEED



ADVANCED AND
FUNCTIONAL DESIGN



NON CORROSIVE
MATERIALS



UNIFORM
AIR FLOW

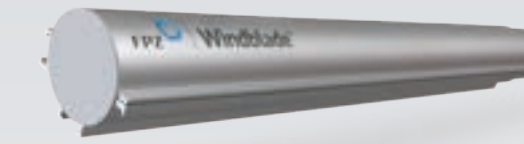


MODULAR
DESIGN



ZERO
MAINTENANCE

Windblade™ Air Knife Aluminum



DRYING
water and residue removal

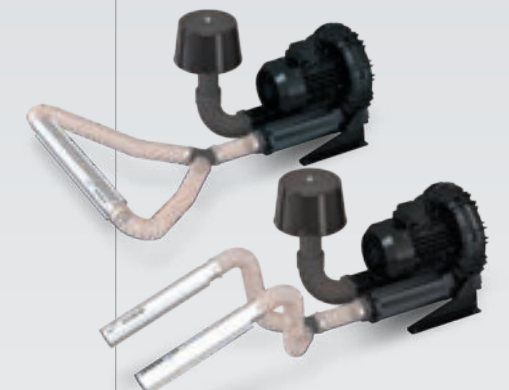


COOLING DOWN
for plastic products and metal parts



CLEANING
material residue removal, dust and
machining residue removal

Central input
configuration example



Configuration example
for 2 single input blades

Windblade™ Air Knife AISI 304 steel



ANTICORROSION
Ideal for aggressive environments

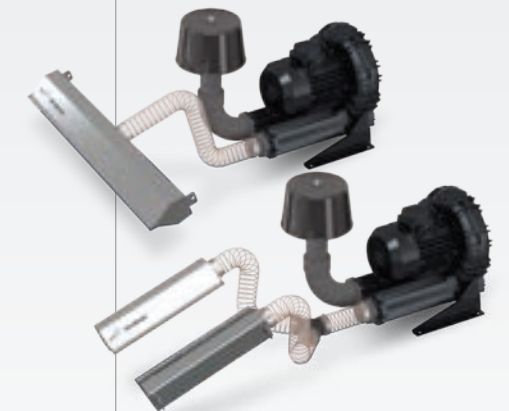


AISI 304 STEEL
Construction in AISI 304 steel



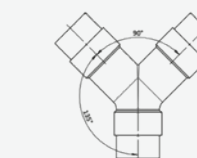
WIDE RANGE OF USE
Ideal for drying, cooling and cleaning

Central input
configuration example

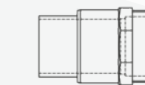


Configuration example
for 2 single input blades

Component for application



Y connection



Tube holder
reductions



Flexible
sleeve

Download the Windblade™
Air Knives flyer





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Istanbul, Turkey

FPZ, Inc.
Saukville, Wisconsin, USA

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Zapopan, Jalisco, México

FPZ Middle East
Dubai, United Arab Emirates

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distributors

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subsidiary branches

70
countries