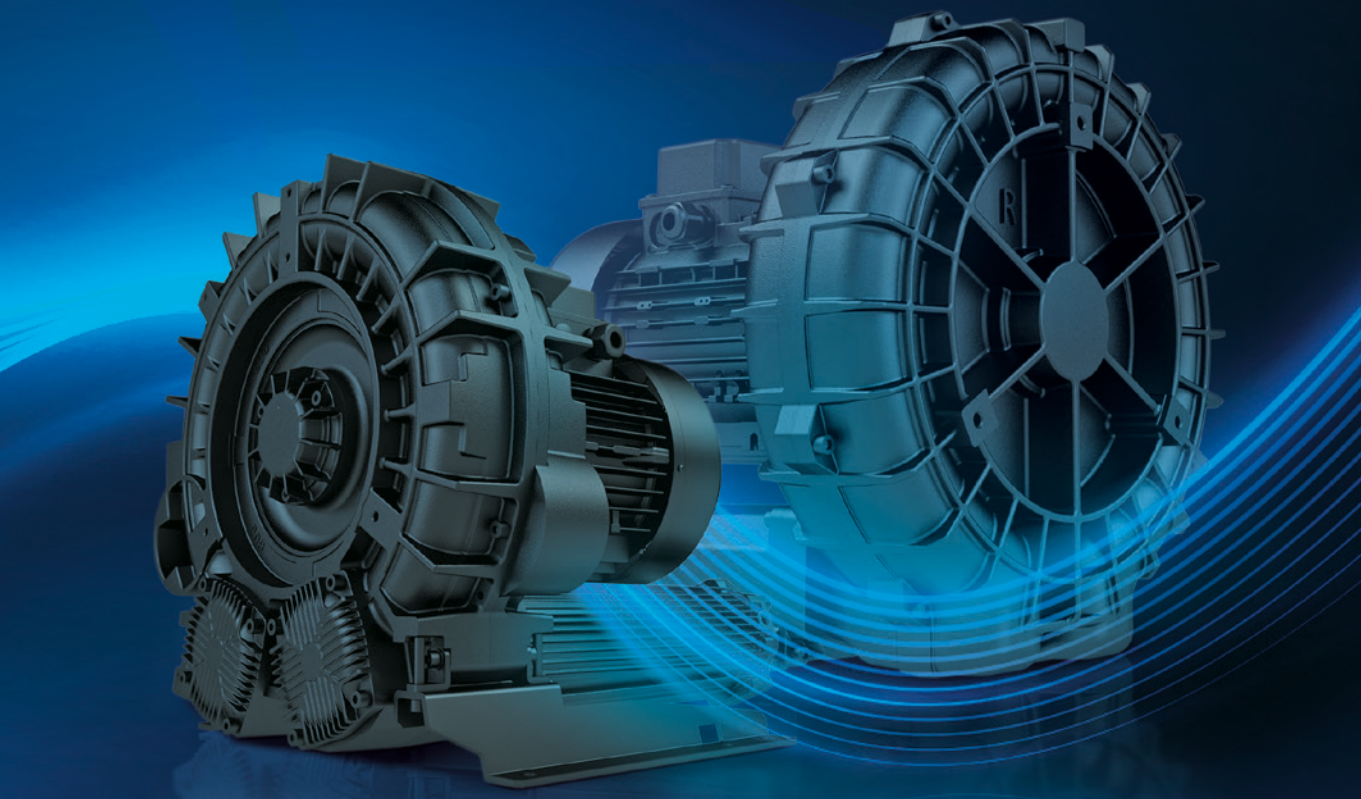
Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

FPZ

Side channel blowers



FPZ™
BLOWER SOLUTIONS

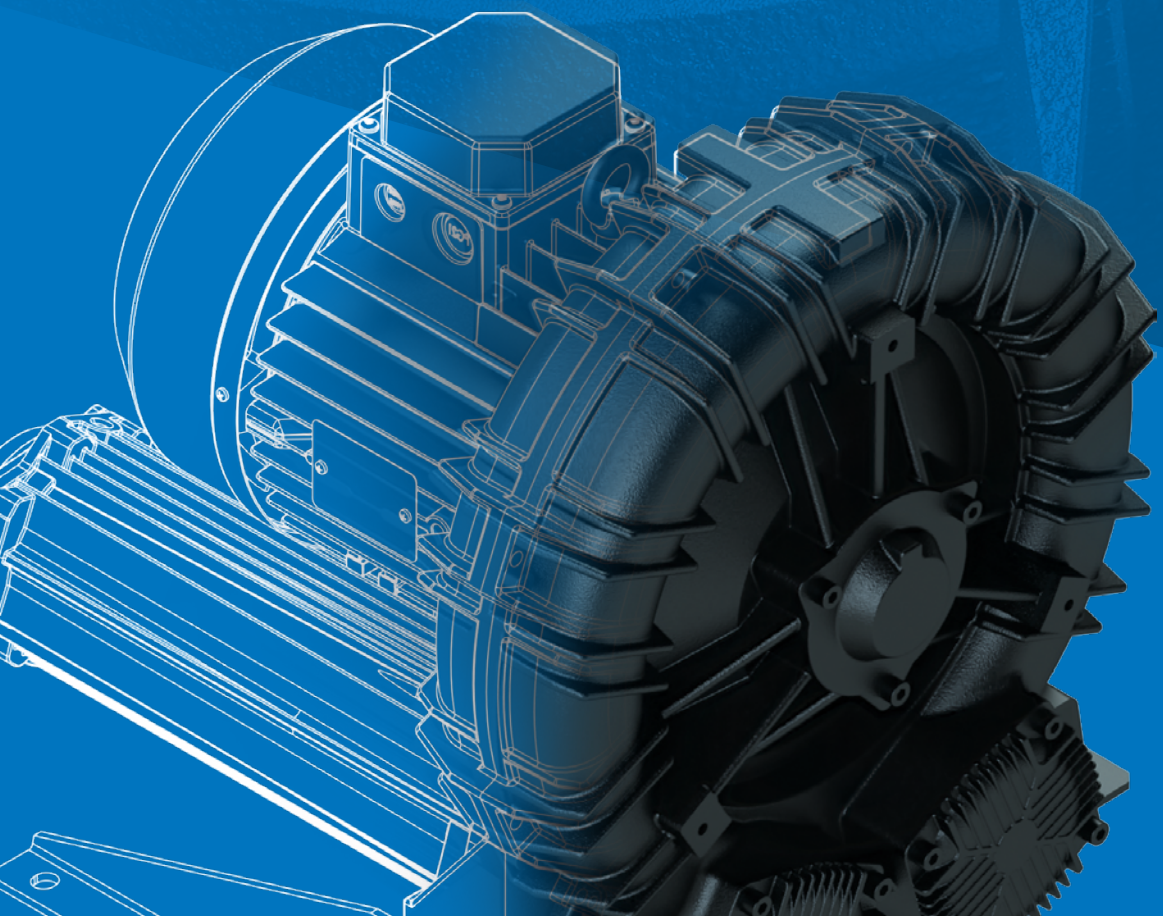
Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

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.



Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

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

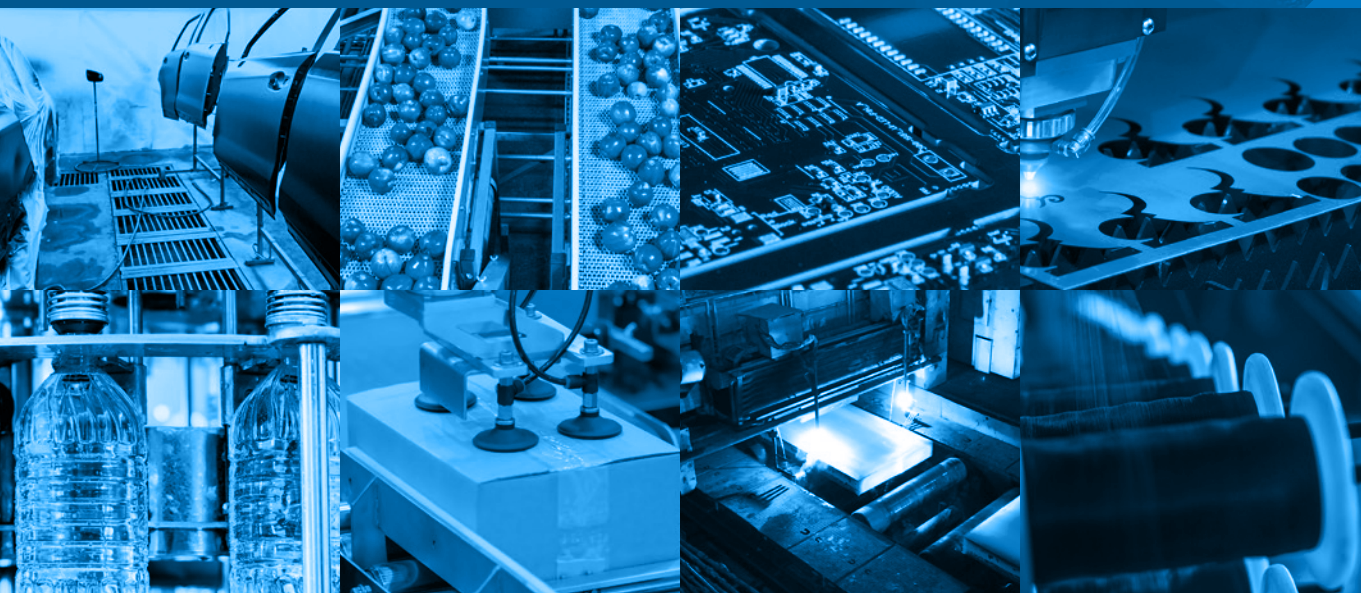
Our methodology is a paradigm of our endless endeavour towards improving our products and processes, by testing advanced technologies, thanks to our investments in innovation and development, with the final goal of enhancing our performances and reliability at every level.

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**

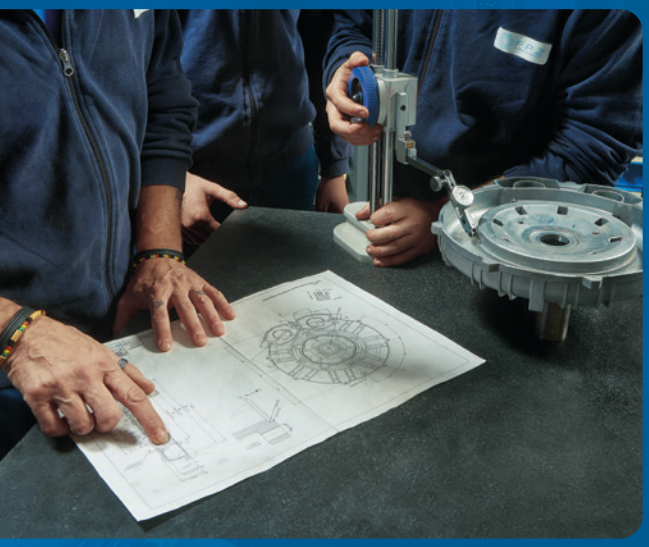


Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

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.



Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

Flow Global Support™

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

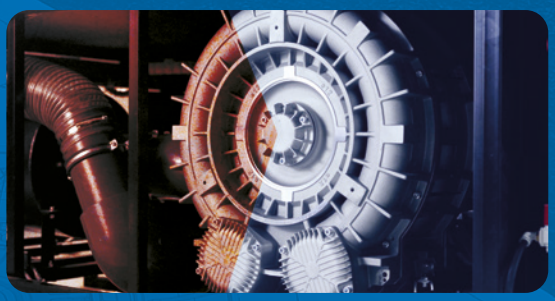
FPZ works every day to improve their customers' satisfaction; that's why we have decided to develop our Flow Global Support customer service, a simple, professional and efficient tool to actively support all the needs of our customers.

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.

FLOW GLOBAL SUPPORT
LIFECYCLE SERVICES

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

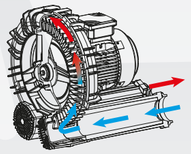
Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

50 Hz - compression tables

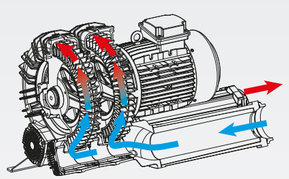
Side channel blowers

Download the IE3 blowers data sheet catalog

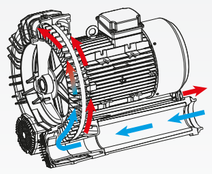
MS
Single impeller single stage



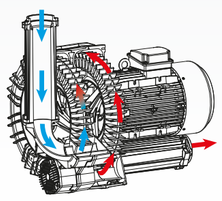
TS
Twin impeller single stage



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	mbar	m³/h	kW
06R MS	55.0	0.20	30.8	0.20																									90.0	0	0.20
K03 MS	74.0	0.37	56.2	0.37	38.4	0.37	20.7	0.55																					150.0	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																	250.0	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															300.0	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													350.0	95.1	4.00
K07 MS	414.0	2.20	374.1	2.20	334.3	2.20	294.5	3.00	254.7	4.00	214.9	4.00	175.2	5.50	135.4	5.50													350.0	135.4	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															325.0	175.6	7.50
K08 MS	536.0	3.00	492.8	3.00	449.5	3.00	406.3	4.00	363.0	5.50	319.7	5.50	276.4	7.50	233.0	7.50	189.7	9.20											425.0	168.0	9.20
K09 MS	663.0	4.00	616.4	4.00	569.9	4.00	523.3	5.50	476.8	5.50	430.4	7.50	383.9	9.20	337.5	9.20	291.2	11.00											425.0	268.0	11.00
K10 MS	782.0	5.50	732.9	5.50	683.7	5.50	634.6	5.50	585.5	7.50	536.4	9.20	487.3	9.20	438.2	11.00	389.1	15.00	291	15.0									425.0	364.6	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									450.0	528.0	18.50
K12 MS	1022.0	9.20	966.9	9.20	911.9	9.20	856.9	9.20	801.9	11.00	747.0	15.00	692.2	18.50	637.3	18.50	582.5	18.50											400.0	582.5	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																	250.0	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																			235.0	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															300.0	228.2	7.50
K07 TS	827.0	5.50	747.4	5.50	667.8	5.50	588.3	5.50	508.8	7.50	429.3	9.20	349.9	11.00															325.0	310.2	11.00
K08 TS	1006.0	7.50	928.6	7.50	851.0	7.50	773.3	9.20	695.4	11.00	617.4	11.00	539.3	15.00	460.9	15.00													375.0	421.7	15.00
K09 TS	1325.0	11.00	1232.1	11.00	1139.1	11.00	1046.2	11.00	953.2	15.00	860.2	15.00	767.1	18.50	674.0	18.50													350.0	674.0	18.50
K10 TS	1539.0	11.00	1437.7	11.00	1336.5	11.00	1235.3	11.00	1134.1	15.00	1032.9	18.50																	250.0	1032.9	18.50
e11 TS	1856	15.00	1742	15.00	1636	15.00	1537	15.00	1445	18.50	1360	22.00																	275.0	1320.0	22.00
K12 TS	1985.0	18.50	1885.2	18.50	1785.7	18.50	1686.3	18.50	1587.1	22.00																			200.0	1587.1	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															300.0	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											400.0	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											425.0	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							500.0	35.6	3.00
K07R MD	181.0	3.00	172.8	3.00	164.9	3.00	157.1	3.00	149.5	3.00	142.1	3.00	135.0	3.00	128.0	3.00	121.2	3.00	114.6	3.00	108.2	4.00	102.0	4.00	96.0	5.50	90.3	5.50	650.0	90.3	5.50
K08R MD	236.0	4.00	227.0	4.00	218.3	4.00	209.9	4.00	201.8	4.00	194.0	4.00	186.4	4.00	179.2	4.00	172.2	5.50	165.6	5.50	159.2	5.50	153.1	5.50	147.3	7.50	141.8	7.50	650.0	141.8	7.50
K09 MD	310.0	5.50	299.1	5.50	288.4	5.50	278.0	5.50	267.8	5.50	257.8	5.50	248.0	5.50	238.5	5.50	229.2	5.50	220.1	7.50	211.3	7.50	202.7	7.50	194.3	7.50			625.0	190.2	7.50
K10 MD	386.0	7.50	371.5	7.50	357.4	7.50	343.8	7.50	330.6	7.50	317.9	7.50	305.6	7.50	293.8	7.50	282.4	7.50	271.5	7.50	261.1	7.50	251.0	9.20	241.5	9.20	232.4	9.20	650.0	232.4	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	650.0	263.0	11.00
K12 MD	472.0	11.00	458.4	11.00	445.0	11.00	431.6	11.00	418.3	11.00	405.2	11.00	392.1	11.00	379.2	11.00	366.3	11.00	353.6	11.00	341.0	15.00	328.5	15.00	316.1	15.00	303.8	15.00	650.0	303.8	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											400.0	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									475.0	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					550.0	156.1	7.50
K07 TD	416.0	5.50	396.8	5.50	377.6	5.50	358.4	5.50	339.2	5.50	319.9	5.50	300.7	5.50	281.4	7.50	262.1	7.50	242.8	7.50	223.5	9.20	204.2	9.20					575.0	194.5	9.20
K08 TD	518.0	7.50	500.0	7.50	482.0	7.50	464.1	7.50	446.1	7.50	428.1	7.50	410.1	7.50	392.1	9.20	374.0	9.20	356.0	11.00	338.0	11.00	320.0	11.00	301.9	15.00			625.0	292.9	15.00
K09 TD	657.0	11.00	636.6	11.00	616.3	11.00	595.9	11.00	575.6	11.00	555.2	11.00	534.9	11.00	514.5	11.00	494.2	15.00	473.8	15.00	453.4	15.00	433.1	15.00	412.7	18.50			625.0	402.5	18.50
K10 TD	804.0	11.00	780.5	11.00	757.0	11.00	733.6	11.00	710.1	11.00	686.6	11.00	663.2	11.00	639.7	15.00	616.2	15.00	592.8	15.00	569.3	18.50	545.9	18.50					575.0	534.2	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									450.0	767.0	18.50
K12 TD	1007.0	18.50	984.9	18.50	962.6	18.50	940.4	18.50	918.1	18.50	895.7	18.50	873.2	18.50	850.7	22.00	828.1	22.00											425.0	816.8	22.00

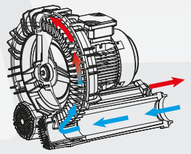
Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

50 Hz - vacuum tables

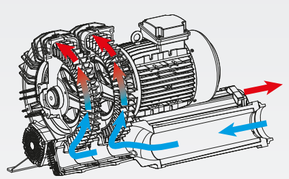
Side channel blowers

Download the IE3 blowers data sheet catalog

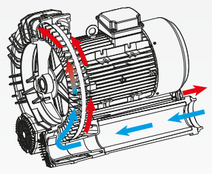
MS
Single impeller single stage



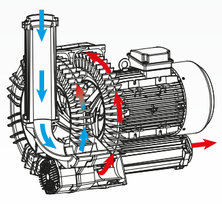
TS
Twin impeller single stage



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)				
	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	mbar	m³/h	kW
06R MS	55.0	0.20	29.7	0.20																	-82.0	0	0.20
K03 MS	74.0	0.37	55.1	0.37	34.7	0.37															- 125.0	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											- 200.0	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											- 240.0	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									- 270.0	79.2	4.00
K07 MS	414.0	2.20	373.6	2.20	327.2	2.20	274.6	3.00	216.0	4.00	151.2	4.00									- 275.0	116.5	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									- 250.0	171.2	5.50
K08 MS	536.0	3.00	493.1	3.00	443.0	3.00	385.6	4.00	321.1	5.50	249.3	5.50	170.3	7.50							- 300.0	170.3	7.50
K09 MS	663.0	4.00	616.3	4.00	562.2	4.00	500.6	5.50	431.6	5.50	355.1	7.50									- 290.0	288.5	7.50
K10 MS	782.0	5.50	733.1	5.50	676.1	5.50	611.0	5.50	537.8	7.50	456.4	9.20	367.0	9.20							- 300.0	367.0	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					-350.0	466.0	15.00
K12 MS	1022.0	9.20	967.3	9.20	903.5	9.20	830.7	9.20	748.8	11.00	657.9	15.00	558.0	15.00							- 300.0	558.0	15.00
K05 TS	408.0	3.00	357.2	3.00	299.1	3.00	233.8	3.00	161.2	4.00											- 225.0	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											- 210.0	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									- 250.0	195.0	7.50
K07 TS	827.0	5.50	745.0	5.50	651.7	5.50	547.0	5.50	431.0	7.50											- 225.0	368.8	7.50
K08 TS	1006.0	7.50	927.2	7.50	836.5	7.50	733.9	9.20	619.4	9.20	493.0	11.00	354.6	15.00							- 300.0	354.6	15.00
K09 TS	1325.0	11.00	1232.4	11.00	11244	11.00	1001.2	11.00	862.8	15.00	709.0	15.00	540.0	18.50							- 300.0	540.0	18.50
K10 TS	1539.0	11.00	1435.8	11.00	13175	11.00	1184.0	11.00	1035.4	15.00	871.7	18.50									- 250.0	871.7	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							-300.0	1065.0	22.00
K12 TS	1985.0	18.50	1880.9	18.50	1764.1	18.50	1634.6	18.50	1492.4	22.00											- 200.0	1492.4	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									-275.0	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							- 300.0	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					- 350.0	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					- 350.0	38.4	2.20
K07R MD	181.0	3.00	172.7	3.00	163.6	3.00	153.5	3.00	142.6	3.00	130.7	3.00	118.0	3.00	104.3	3.00	89.8	3.00	74.4	4.00	- 450.0	74.4	4.00
K08R MD	236.0	4.00	226.4	4.00	216.3	4.00	205.4	4.00	193.9	4.00	181.8	4.00	169.0	4.00	155.6	4.00	141.6	4.00	126.9	5.50	- 450.0	126.9	5.50
K09 MD	310.0	5.50	298.6	5.50	286.0	5.50	272.3	5.50	257.5	5.50	241.5	5.50	224.3	5.50	206.0	5.50	186.5	5.50			- 400.0	186.5	5.50
K10 MD	386.0	7.50	372.4	7.50	357.0	7.50	339.8	7.50	320.9	7.50	300.2	7.50	277.7	7.50	253.5	7.50	227.5	7.50			- 425.0	213.8	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			-400.0	276.0	7.50
K12 MD	472.0	11.00	458.4	11.00	442.8	11.00	425.2	11.00	405.6	11.00	383.9	11.00	360.2	11.00	334.5	11.00	306.8	11.00			- 425.0	292.2	11.00
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									- 275.0	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			- 400.0	51.0	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			- 400.0	128.2	5.50
K07 TD	416.0	5.50	398.5	5.50	377.1	5.50	351.8	5.50	322.6	5.50	289.5	5.50	252.6	5.50	211.7	5.50	167.0	7.50			- 400.0	167.0	7.50
K08 TD	518.0	7.50	502.2	7.50	482.5	7.50	458.9	7.50	431.5	7.50	400.3	7.50	365.3	7.50	326.3	7.50	283.6	9.20			- 425.0	260.8	9.20
K09 TD	657.0	11.00	639.9	11.00	618.2	11.00	591.9	11.00	561.0	11.00	525.4	11.00	485.3	11.00	440.6	11.00	391.2	15.00	337.3	15.00	- 450.0	337.3	15.00
K10 TD	804.0	11.00	784.3	11.00	759.2	11.00	728.9	11.00	693.1	11.00	652.1	11.00	605.7	11.00	554.0	15.00	497.0	15.00	434.7	15.00	- 450.0	434.7	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			-400.0	706.0	15.00
K12 TD	1007.0	18.50	984.9	18.50	959.1	18.50	929.5	18.50	896.2	18.50	859.2	18.50	818.5	18.50	774.0	22.00	725.8	22.00			- 425.0	700.3	22.00

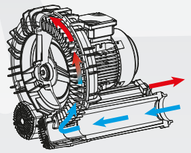
Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

60 Hz - compression tables

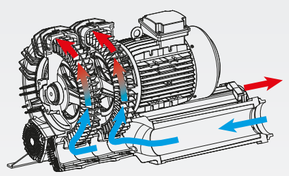
Side channel blowers

Download the IE3 blowers data sheet catalog

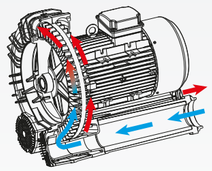
MS
Single impeller single stage



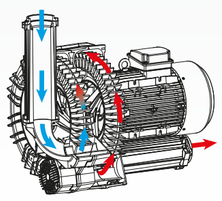
TS
Twin impeller single stage



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	mbar	m³/h	kW
06R MS	66.0	0.23	42.5	0.23	17.4	0.40																							130.0	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																			200.0	31.0	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																	250.0	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													350.0	111.0	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															325.0	200.7	4.80
K07 MS	499.0	2.60	465.9	2.60	432.9	3.50	399.9	4.80	367.0	4.80	334.2	6.50	301.4	6.50	268.6	6.50													350.0	268.6	6.50
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															300.0	345.5	9.00
K08 MS	647.0	3.50	611.2	3.50	575.5	4.80	539.7	4.80	503.8	6.50	468.0	9.00	432.1	9.00	396.3	11.00	360.4	11.00											425.0	342.4	11.00
K09 MS	800.0	4.80	761.3	4.80	722.7	6.50	684.1	6.50	645.5	9.00	607.0	9.00	568.6	11.00	530.2	13.00	491.8	13.00											400.0	491.8	13.00
K10 MS	944.0	6.50	903.2	6.50	862.5	6.50	821.7	9.00	781.0	9.00	740.3	11.00	699.6	13.00	658.9	17.00	618.2	17.00	577.6	17.00									450.0	577.6	17.00
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											425.0	794.0	18.50
K12 MS	1234.0	11.00	1188.4	11.00	1142.9	11.00	1097.3	13.00	1051.8	17.00	1006.2	17.00	960.7	22.00	915.1	22.00													375.0	892.3	22.00
K05 TS	493.0	3.50	451.9	3.50	410.8	3.50	369.9	4.80	329.0	4.80																			210.0	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																	275.0	424.8	9.00
K07 TS	998.0	6.50	931.9	6.50	865.9	6.50	799.9	9.00	733.9	9.00	668.0	11.00	602.2	13.00															325.0	569.3	13.00
K08 TS	1214.0	9.00	1149.9	9.00	1085.6	11.00	1021.2	11.00	956.6	13.00	891.9	17.00	827.1	17.00															325.0	794.6	17.00
K09 TS	1599.0	13.00	1521.9	13.00	1444.9	13.00	1368.0	13.00	1291.1	17.00	1214.2	22.00																	250.0	1214.2	22.00
K10 TS	1857.0	13.00	1773.4	13.00	1689.8	13.00	1606.1	17.00	1522.3	22.00	1438.5	22.00																	250.0	1438.5	22.00
e11 TS	2240	15.00	2141	15.00	2047	18.50	1957	22.00																					175.0	1914.0	22.00
K12 TS	2382.0	26.00	2300.4	26.00	2210.5	26.00	2132.6	26.00																					150.0	2132.6	26.00
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																	275.0	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									450.0	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											425.0	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							500.0	67.6	3.50
K07R MD	218.0	3.50	211.2	3.50	204.6	3.50	198.0	3.50	191.6	3.50	185.3	3.50	179.0	3.50	172.9	3.50	166.9	4.80	161.0	4.80	155.2	4.80	149.6	4.80	144.0	6.50	138.5	6.50	650.0	138.5	6.50
K08R MD	285.0	4.80	277.7	4.80	270.5	4.80	263.4	4.80	256.5	4.80	249.6	4.80	242.9	4.80	236.4	6.50	229.9	6.50	223.6	6.50	217.4	9.00	211.3	9.00	205.3	9.00			625.0	202.4	9.00
K09 MD	374.0	6.50	364.5	6.50	355.2	6.50	346.2	6.50	337.4	6.50	328.8	6.50	320.4	6.50	312.2	6.50	304.2	9.00	296.5	9.00	289.0	9.00	281.7	9.00					575.0	278.1	9.00
K10 MD	466.0	9.00	454.0	9.00	442.2	9.00	430.7	9.00	419.4	9.00	408.4	9.00	397.6	9.00	387.1	9.00	376.9	9.00	366.8	11.00	357.1	11.00	347.6	11.00					560.0	345.7	11.00
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									450.0	425.0	11.00
K12 MD	570.0	13.00	558.6	13.00	547.3	13.00	536.1	13.00	525.0	13.00	513.9	13.00	502.9	13.00	492.0	13.00	481.2	13.00	470.5	17.00	459.8	17.00	449.3	17.00					550.0	449.3	17.00
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													350.0	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											425.0	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							525.0	252.6	9.00
K07 TD	502.0	6.50	486.1	6.50	470.3	6.50	454.4	6.50	438.6	6.50	422.7	6.50	406.8	9.00	391.0	9.00	375.1	9.00	359.3	11.00	343.4	11.00							525.0	335.5	11.00
K08 TD	625.0	9.00	610.1	9.00	595.3	9.00	580.4	9.00	565.5	9.00	550.6	9.00	535.7	11.00	520.8	11.00	505.9	13.00	491.0	13.00	476.1	17.00	461.1	17.00	446.2	17.00			625.0	438.7	17.00
K09 TD	793.0	13.00	776.1	13.00	759.3	13.00	742.4	13.00	725.5	13.00	708.7	13.00	691.8	13.00	675.0	17.00	658.1	17.00	641.3	17.00	624.4	17.00	607.6	22.00	590.8	22.00	573.9	22.00	650.0	573.9	22.00
K10 TD	970.0	13.00	950.5	13.00	931.0	13.00	911.6	13.00	892.1	13.00	872.7	13.00	853.2	17.00	833.8	17.00	814.4	22.00	795.0	22.00	775.6	22.00							525.0	765.9	22.00
e11 TD	1169	15.00	1146	15.00	1123	15.00	1101	15.00	1079	15.00	1059	18.50	1039	18.50															300.0	1039.0	18.50
K12 TD	1216.0	22.00	1198.2	22.00	1179.9	22.00	1161.2	22.00	1142.1	22.00	1122.5	26.00	1102.5	26.00	1082.0	26.00													350.0	1082.0	26.00

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

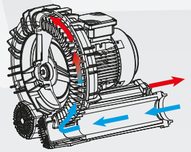
60 Hz - vacuum tables

Side channel blowers

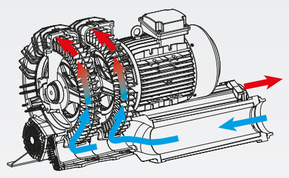
FPZ BLOWER SOLUTIONS

Download the IE3 blowers data sheet catalog

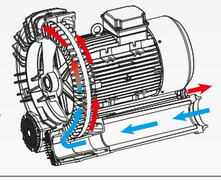
MS
Single impeller single stage



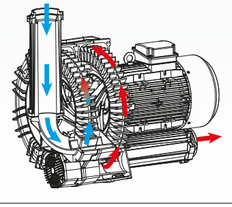
TS
Twin impeller single stage



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)				
	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	mbar	m³/h	kW
06R MS	66.0	0.23	43.6	0.23	15.7	0.40															-120.0	0	0.40
K03 MS	89.0	0.42	74.3	0.42	57.4	0.42	38.3	0.65													- 175.0	28.0	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									- 250.0	54.0	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									- 260.0	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									- 275.0	175.3	4.80
K07 MS	499.0	2.60	465.4	2.60	426.9	3.50	383.5	3.50	335.3	4.80	282.3	4.80									- 250.0	282.3	4.80
K75 MS	576.0	4.80	536.4	4.80	491.3	4.80	440.8	4.80	384.9	6.50											- 200.0	384.9	6.50
K08 MS	647.0	3.50	611.7	3.50	570.3	4.80	522.7	4.80	468.9	6.50	409.0	9.00	342.9	9.00							- 325.0	307.5	9.00
K09 MS	800.0	4.80	760.5	4.80	715.4	6.50	664.6	6.50	608.1	9.00	546.0	9.00									- 250.0	546.0	9.00
K10 MS	944.0	6.50	904.2	6.50	857.3	6.50	803.4	9.00	742.5	9.00	674.5	11.00	599.4	13.00							- 325.0	559.3	13.00
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					-350.0	720.0	15.00
K12 MS	1234.0	11.00	1189.3	11.00	1136.7	11.00	1076.3	13.00	1008.1	17.00	932.0	17.00	848.1	22.00							- 325.0	803.2	22.00
K05 TS	493.0	3.50	450.5	3.50	402.3	3.50	348.4	4.80	288.7	4.80											- 210.0	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									- 250.0	374.9	9.00
K07 TS	998.0	6.50	930.8	6.50	853.6	6.50	766.6	9.00	669.6	9.00	562.7	11.00									- 250.0	562.7	11.00
K08 TS	1214.0	9.00	1148.0	9.00	1072.8	9.00	988.2	11.00	894.4	13.00	791.3	17.00	678.8	17.00							- 300.0	678.8	17.00
K09 TS	1599.0	13.00	1520.3	13.00	1430.0	13.00	1328.2	13.00	1214.9	17.00	1090.1	22.00									- 250.0	1090.1	22.00
K10 TS	1857.0	13.00	1771.7	13.00	16738	13.00	1563.2	17.00	1440.1	22.00	1304.4	22.00									- 250.0	1304.4	22.00
e11 TS	2240	15.00	2122	15.00	2009	15.00	1890	18.50	1767	22.00											-200.0	1767.0	22.00
K12 TS	2382.0	26.00	2289.9	26.00	21764	26.00															- 140.0	2070.1	26.00
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									-275.0	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					- 350.0	13.0	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					- 375.0	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					- 375.0	59.3	2.60
K07R MD	218.0	3.50	211.7	3.50	204.4	3.50	196.1	3.50	186.6	3.50	176.1	3.50	164.6	3.50	152.0	3.50	138.3	3.50	123.6	4.80	- 450.0	123.6	4.80
K08R MD	285.0	4.80	277.5	4.80	269.0	4.80	259.7	4.80	249.4	4.80	238.3	4.80	226.2	4.80	213.2	6.50	199.4	6.50	184.6	6.50	- 450.0	184.6	6.50
K09 MD	374.0	6.50	366.2	6.50	356.6	6.50	345.2	6.50	332.1	6.50	317.2	6.50	300.5	6.50	282.0	6.50	261.8	6.50			- 425.0	251.0	6.50
K10 MD	466.0	9.00	454.0	9.00	440.6	9.00	425.6	9.00	409.0	9.00	391.0	9.00	371.4	9.00	350.3	9.00	327.7	9.00			- 425.0	315.8	9.00
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			-400.0	392.0	9.20
K12 MD	570.0	13.00	562.1	13.00	551.1	13.00	537.0	13.00	520.0	13.00	499.8	13.00	476.7	13.00	450.4	13.00	421.2	13.00			- 425.0	405.4	13.00
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			- 400.0	123.0	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			- 400.0	223.7	9.00
K07 TD	502.0	6.50	487.9	6.50	470.4	6.50	449.6	6.50	425.4	6.50	397.8	6.50	366.9	6.50	332.6	9.00	295.0	9.00			- 400.0	287.0	9.00
K08 TD	625.0	9.00	612.0	9.00	595.8	9.00	576.3	9.00	553.7	9.00	527.8	9.00	498.8	9.00	466.5	11.00	431.0	11.00			- 425.0	412.0	11.00
K09 TD	793.0	13.00	779.8	13.00	762.5	13.00	741.1	13.00	715.6	13.00	686.0	13.00	652.2	13.00	614.4	17.00	572.4	17.00	526.3	17.00	- 475.0	501.7	17.00
K10 TD	970.0	13.00	953.7	13.00	932.9	13.00	907.7	13.00	878.1	13.00	844.1	13.00	805.7	17.00	762.9	17.00	715.6	22.00	664.0	22.00	- 450.0	664.0	22.00
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			-400.0	929.0	18.50
K12 TD	1216.0	22.00	1199.2	22.00	1178.4	22.00	1153.6	22.00	1124.7	22.00	1091.9	26.00	1055.1	26.00	1014.2	26.00					- 350.0	1014.2	26.00

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

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 the2G 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

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

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

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

Accessories for blowers

FA
Suction filter for interiors

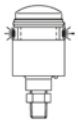
FV
In line cartridge filter

FL
Suction cartridge filter

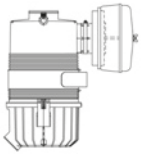
TR
Section

FC
In line cartridge cyclone filte

IN
Dust load indicators



FD
Cartridge cyclone double filter



FS/FD
Bracket

CA
Manifold

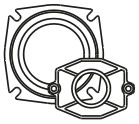
MC/MV
Pressure gauge vacuum gauge

IP
Intake protection

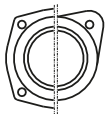
MP
Hose sleeve

PK
Hose flange for blower

VK
Flange



TF
Threaded flange

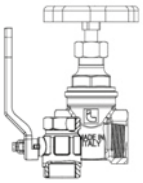


CK
Manifold

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

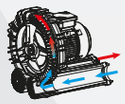
VS
Flow reversing valve

Adapter for SCL K04

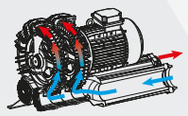
Adapter for SCL K05 – K06

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

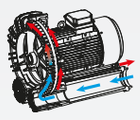
Matching accessories for blowers



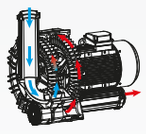
MS
Single impeller
single stage



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
K07 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
K08 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
K09 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
K10 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
K12 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
K07 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
K08 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
K09 TS	10	-	9	10	-	10	10	-	-	10	10	-	10	-	50	9	040	10	020	-	9	109	-	10M	-	-	10	10	10	-	9	9
K10 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
K12 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
K07R 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
K08R 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
K09 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
K10 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
K12 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
K07 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
K08 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
K09 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
K10 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
K12 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

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

Windblade™ Air Knife

Pure aerodynamic efficiency.

The WindbladeTM 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)

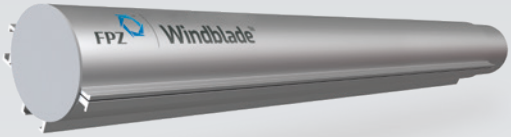
Benefits

- GREATER EFFICIENCY
- ADJUSTABLE SLOT
- EASY INSTALLATION
- HIGH SPEED
- ADVANCED AND FUNCTIONAL DESIGN
- NON CORROSIVE MATERIALS
- UNIFORM AIR FLOW
- MODULAR DESIGN
- ZERO MAINTENANCE

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

Windblade™ Air Knife

Aluminum

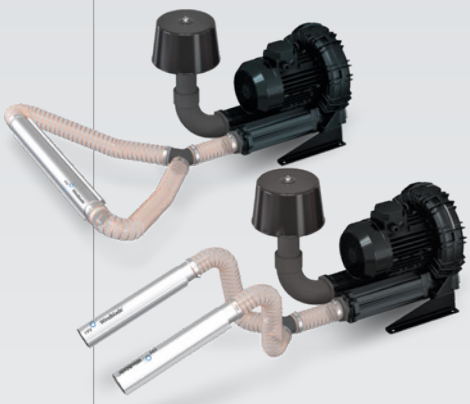


DRYING
water and residue removal

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

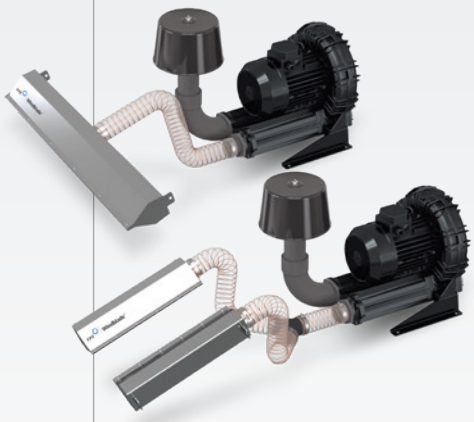
AISI 304 steel

ANTICORROSION
Ideal for aggressive environments

AISI 304 STEEL
Construction in AISI 304 steel

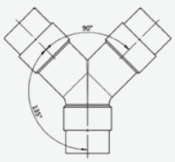
WIDE RANGE OF USE
Ideal for drying, cooling and cleaning

Central input configuration example

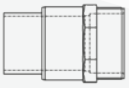


Configuration example for 2 single input blades

Component for application



Y connection



Tube holder reductions

Flexible sleeve

Download the Windblade™ Air Knives flyer

Distributor: Tam Vakum Pompa ve Blower Teknolojileri | +90 (212) 801 0606

FPZ
Worldwide
sales network

Direct presence

FPZ UK Ltd.
Andover Hampshire, UK

FPZ Austria GmbH & Germany
Krems, Austria

FPZ France S.a.r.l.
St. Priest, France

FPZ España & Portugal
Spain

FPZ Turkey
Istanbul, Turkey

FPZ, Inc.
Saukville, Wisconsin, USA

FPZ México
Zapopan, Jalisco, México

FPZ Middle East
Dubai, United Arab Emirates

FPZ APAC
Singapore

Agents and distributors

Headquarter

FPZ
Concorezzo (MB), Italy

T. +39 039 690981
info@fpz.com

www.fpz.com

4
production plants

9
subsidiary branches

70
countries