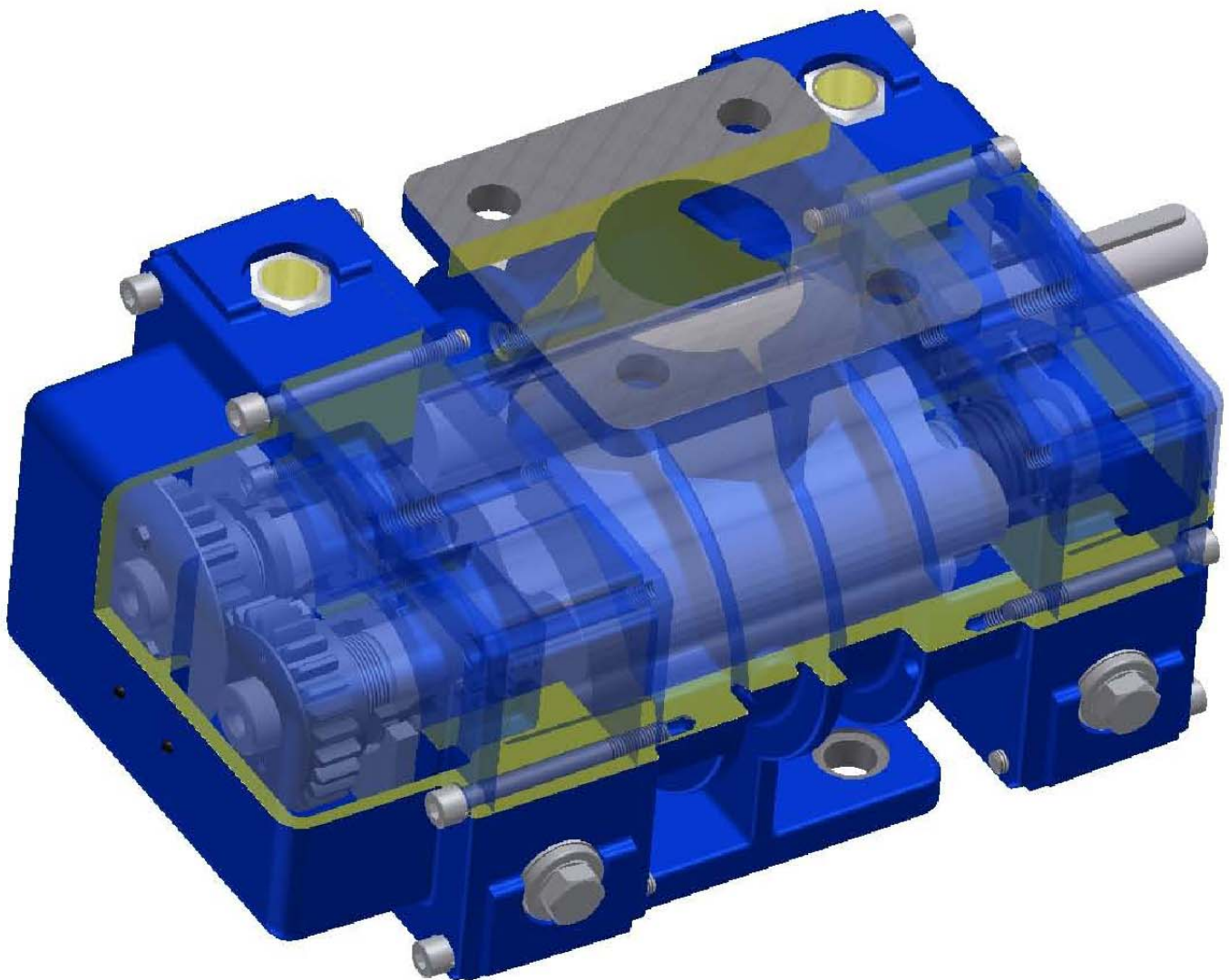


# Triflow.

# The Dependable.

Reliable. Competitive



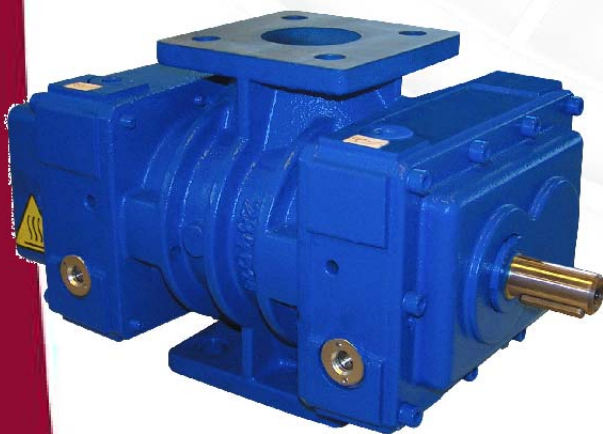


### Why choose a Triflow machine for your application?

With high reliability and low noise emittance, the Triflow is ideal for everyday use, 24 hours a day, 7 days a week, in any environment. The Triflow is simple and easy to maintain, and has an optional enclosure, which can include interior lighting making maintenance easier and safer.

Whether installed in water treatment facilities or used for pneumatic conveying, Triflow always looks the part

The optimally balanced, drop-forged rotors and the precision of the housing are the result of maximum technical quality. The built-in motor ensures high operational reliability.



The three-lobed rotor principle has a proven track record with over a decade of use. Good remains good. We have improved and optimised this principle down to the last detail. The reliable worldwide service of a globally present specialist ensures dependability in every corner of the world, even under maximum performance requirements.

The Triflow blower, a dependable option when it comes to blowers

Reliable. Competitive.

## A three-lobed blower which always suits the application

### The principle

Compared to traditional bi-lobed machines, the Triflow utilises a tri-lobed design which enables it to operate at very low pulsation levels. This working principle allows blower operation up to 1000mbar and exhauster operation at up to 500mbar of negative pressure. Volumetric flow rates up to 8500m<sup>3</sup>/hr are achievable.



### The Design

This is a design which reflects today's needs. Aesthetically pleasing and functional. The Triflow's design has been developed using the latest technology and manufacturing techniques, thus ensuring reliable performance in the working environment.

### Air Output

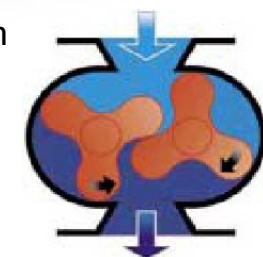
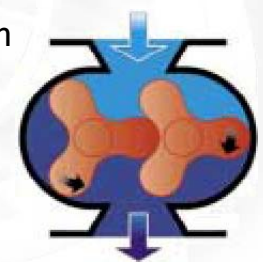
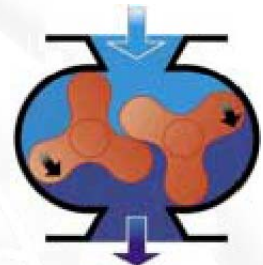
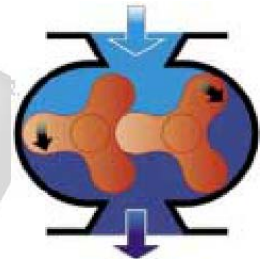
The Triflow blower delivers absolutely dry, oil-free and low pulse air for every application, thus making it an all round blower. Triflow's optimum performance specification allows it to be applied to demanding roles such as waste water aeration. It can also be applied to the pneumatic conveying of clean materials and products in the chemical and foodstuff industry.

### Efficiency

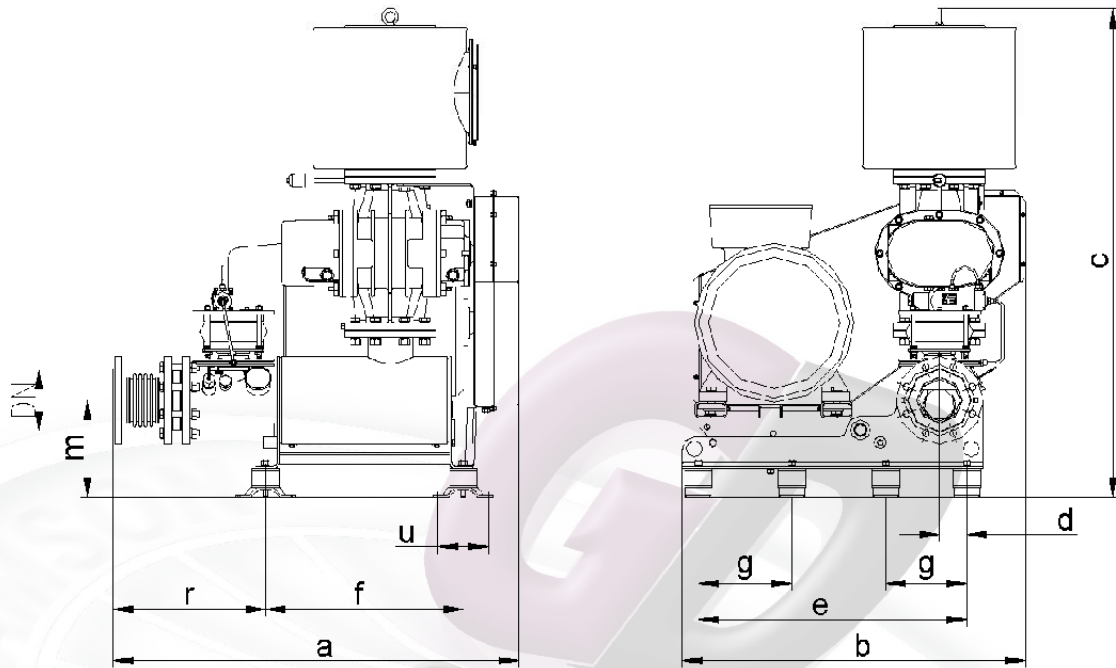
Triflow is designed for continuous operation, which requires maximum reliability. Moreover, it is low-maintenance and durable. Triflow is simple to install and does not require costly foundation work. Triflow has high volumetric efficiency, so is economic to run and utilises power effectively

### Efficiency

Triflow is designed for continuous operation, which requires maximum reliability. Moreover, it is low-maintenance and durable. Triflow is simple to install and does not require costly foundation work. Triflow has high volumetric efficiency, so is economic to run and utilises power effectively



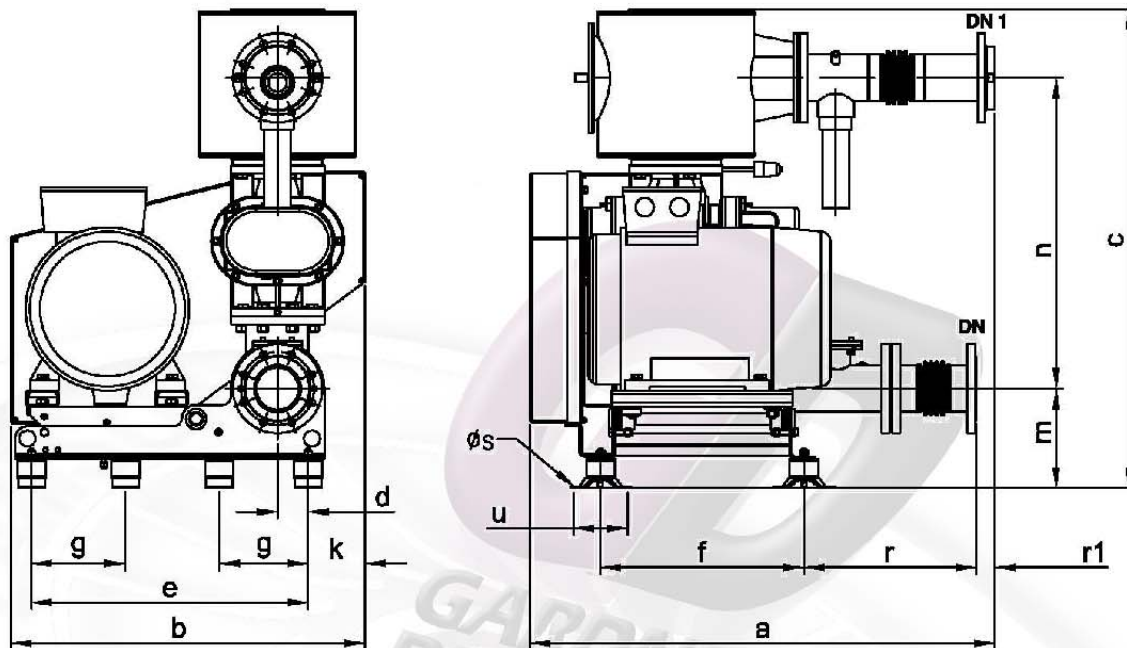
**GD TRIFLOW BLOWER**  
**DIMENSIONAL DETAIL FOR SIZES TF50L/42 TO TF300S/1002**



GD Model Ref	a	b	c	d	e	f	g	k	m	u	r	s	DN	(*)	(**)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(kg)	
TF50L/42	798	635	645	50	430	330	-	114	160	80	341	9	DN65/PN10	77	K42
TF70S/42	811	648	845	50	430	330	-	114	160	80	341	9	DN65/PN10	91	K42
TF70L/42	829	648	845	50	430	330	-	114	160	80	341	9	DN65/PN10	95	K42
TF90S/42	823	673	961	50	430	330	-	114	160	80	341	9	DN65/PN10	120	K42
TF90S/72	869	829	1065	45	655	420	-	40	246	130	313	13	DN80/PN10	150	K72
TF90L/72	895	829	1065	45	655	420	-	40	246	130	313	13	DN80/PN10	160	K72
TF110S/72	903	844	1186	45	655	420	-	40	246	130	313	13	DN80/PN10	200	KN72
TF110S/102	1025	869	1240	70	680	500	-	40	246	130	385	13	DN100/PN10	230	K102
TF110L/102	1049	869	1240	70	680	500	-	40	246	130	385	13	DN100/PN10	245	K102
TF130S/102	1085	833	1247	70	680	500	-	40	246	130	385	13	DN100/PN10	325	K102
TF140L/202	1227	1022	1336	188	940	600	-	40	250	130	444	13	DN150/PN10	425	K202
TF170L/302	1643	1320	1687	247	1200	700	-	60	413	144	727	13	DN200/PN10	750	K302
TF200L/302	1717	1369	1816	247	1200	700	-	60	413	144	727	13	DN200/PN10	975	KN302
TF200L/552	1829	1540	1932	300	1420	800	510	60	463	144	817	13	DN250/PN10	1110	K552
TF270S/552	1866	1597	2082	300	1420	800	510	60	463	144	817	13	DN250/PN10	1375	K552
TF270S/802	2063	1597	2082	300	1420	880	510	60	463	144	947	13	DN300/PN10	1490	K802
TF270L/802	2126	1597	2082	300	1420	880	510	60	463	144	947	13	DN300/PN10	1710	K802
TF300S/1002	2109	1600	2017	300	1420	880	510	60	463	144	947	13	DN300/PN10	1810	K1002

## GD TRIFLOW EXHAUSTER

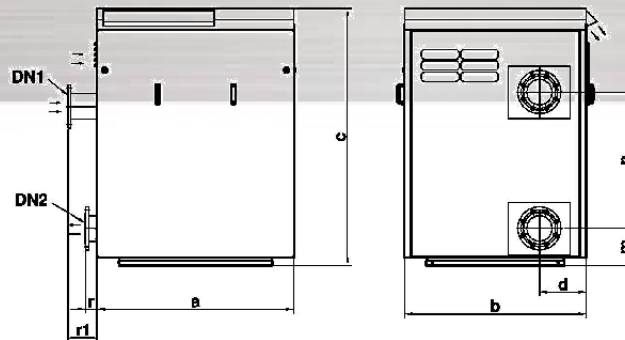
### DIMENSIONAL DETAIL FOR SIZES TF 50L/42-V TO TF 270L/802-V



GD Model Ref	a	b	c	d	e	f	g	k	m	n	u	r	r1	s	DN	DN 1	(*)	(**)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			(kg)	
TF 50L/42-V	828	653	791	52	430	330	-	102	160	486	80	324	58	9	DN65/PN10	DN65/PN10	91	K42/50L
TF 70S/42-V	853	647	810	52	430	330	-	102	160	505	80	324	58	9	DN65/PN10	DN65/PN10	102	K42/70S
TF 70L/42-V	871	647	810	52	430	330	-	102	160	505	80	324	58	9	DN65/PN10	DN65/PN10	105	K42/70L
TF 90S/42-V	914	684	927	52	430	330	-	127	160	607	80	324	93	9	DN65/PN10	DN80/PN10	142	K42/90S
TF 90S/72-V	1014	825	1065	48	655	420	-	130	246	625	130	447	0	13	DN80/PN10	DN80/PN10	173	K72/90S
TF 90L/72-V	1040	825	1065	48	655	420	-	130	246	625	130	447	0	13	DN80/PN10	DN80/PN10	184	K72/90L
TF 110S/72-V	1075	840	1126	48	655	420	-	145	246	710	130	447	27	13	DN80/PN10	DN100/PN10	230	K72/110S
TF 110S/102-V	1088	870	1180	75	680	500	-	141	246	784	130	424	0	13	DN100/PN10	DN100/PN10	249	K102/110S
TF 110L/102-V	1097	870	1180	75	680	500	-	141	246	784	130	424	0	13	DN100/PN10	DN100/PN10	266	K102/110L
TF 130S/102-V	1193	875	1246	75	680	500	-	166	246	788	130	424	67	13	DN100/PN10	DN150/PN10	364	K102/130S
TF 140L/202-V	1285	1022	1336	188	940	600	-	42	250	875	130	486	31	13	DN150/PN10	DN150/PN10	455	K202/140L
TF 170L/302-V	1643	1321	1887	240	1200	700	-	61	413	1034	144	705	0	13	DN200/PN10	DN200/PN10	783	K302/170L
TF 200L/552-V	1950	1568	1889	300	1420	800	510	88	463	1091	144	786	174	13	DN250/PN10	DN300/PN10	1320	K552/200L
TF 270S/552-V	1987	1600	2087	300	1420	800	510	120	463	1279	144	785	174	13	DN250/PN10	DN300/PN10	1653	K552/270S
TF 270S/802-V	2075	1600	2087	300	1420	880	510	120	463	1279	144	918	0	13	DN300/PN10	DN300/PN10	1690	K802/270S
TF 270L/802-V	2075	1600	2087	300	1420	880	510	120	463	1279	144	918	0	13	DN300/PN10	DN300/PN10	1906	K802/270L

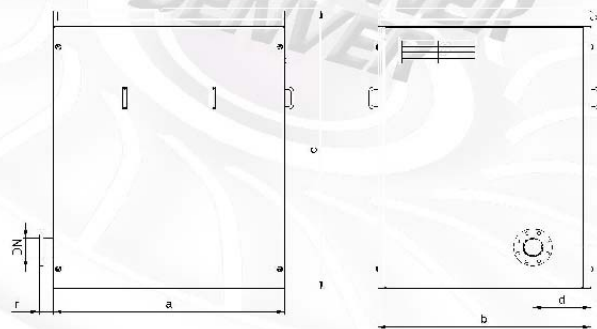
(\*) = Weight without motor (\*\*) = Sound Enclosure Type

## GD TRIFLOW ACOUSTIC ENCLOSURE - EXHAUSTERS



Model	a	b	c	d	m	n	r	r1	DN1	DN2	Weight (kg)	Fan (-)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(-)	(-)		
K 42/50L	780	882	1106	235.5	160	486	54	112	DN65,PN10	DN65,PN10	134	HCFT 4-250H (0,06KW; 400v; 0,17 A)
K 42/70S	780	882	1106	235.5	160	505	54	112	DN65,PN10	DN65,PN10	134	HCFT 4-250H (0,06KW; 400v; 0,17 A)
K 42/70L	780	882	1106	235.5	160	505	54	112	DN65,PN10	DN65,PN10	134	HCFT 4-250H (0,06KW; 400v; 0,17 A)
K 42/90S	780	882	1106	235.5	160	807	54	147	DN80,PN10	DN85,PN10	134	HCFT 4-250H (0,06KW; 400v; 0,17 A)
K 72/90S	1065	992	1291	225	248	825	57	57	DN80,PN10	DN80,PN10	173	HCFT 4-315H (0,15KW; 400v; 0,34 A)
K 72/90L	1065	992	1291	225	246	825	57	57	DN80,PN10	DN80,PN10	173	HCFT 4-315H (0,15KW; 400v; 0,34 A)
K 72/110S	1150	1002	1433	276	246	710	47	74	DN100,PN10	DN80,PN10	206	HCFT 4-315H (0,15KW; 400v; 0,34 A)
K 102/110S	1150	1002	1433	276	246	764	91	91	DN100,PN10	DN100,PN10	206	HCFT 4-315H (0,15KW; 400v; 0,34 A)
K 102/110L	1150	1002	1433	276	246	764	91	91	DN100,PN10	DN100,PN10	208	HCFT 4-315H (0,16KW; 400v; 0,34 A)
K 102/130S	1150	1002	1433	276	246	789	91	158	DN150,PN10	DN100,PN10	206	HCFT 4-315H (0,15KW; 400v; 0,34 A)
K 202/140L	1302	1202	1636	310	252	873	86	120	DN150,PN10	DN150,PN10	269	HCFT 4-315H (0,15KW; 400v; 0,34 A)

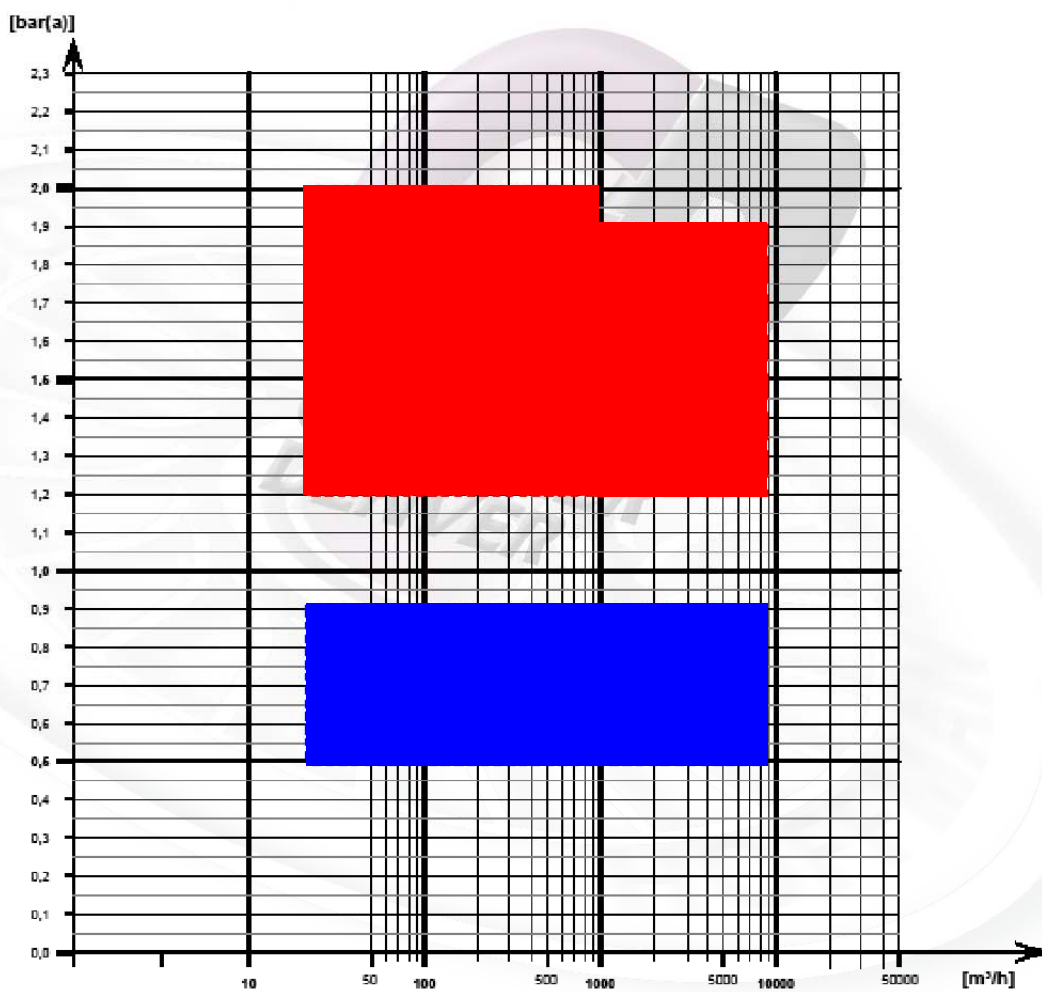
## GD TRIFLOW ACOUSTIC ENCLOSURE - BLOWERS







	a	b	c	d	m	r	DN	Fan	[kg]
K 42	780	882	1061	233	160	71	DN 65 / PN 10	HXTR/2-250H (0.11 kW; 400 V; 0.23 A)	120
K 72	1065	920	1291	221	248	74	DN 80 / PN 10	HCFT/4-315H (0.15 kW; 400 V; 0.34 A)	160
KN 72	1150	1000	1433	270	248	64	DN 80 / PN 10	HCFT/4-315H (0.15 kW; 400 V; 0.34 A)	186
K 102	1150	1000	1433	270	248	52	DN 100 / PN 10	HCFT/4-315H (0.15 kW; 400 V; 0.34 A)	186
K 202	1300	1200	1636	308	253	63	DN 150 / PN 10	HCFT/4-355H (0.20 kW; 400 V; 0.46 A)	220
K 302	1500	1790	1872	540	413	202	DN 200 / PN 10	HCFT/4-400H (0.32 kW; 400 V; 1.00 A)	490
KN 302	1650	1990	2192	649	413	200	DN 200 / PN 10	HCFT/4-450H (0.50 kW; 400 V; 1.00 A)	540
K 552	1650	1990	2192	674	463	255	DN 250 / PN 10	HCFT/4-450H (0.50 kW; 400 V; 1.00 A)	540
K 802	1990	1990	2192	674	463	255	DN 300 / PN 10	HCFT/4-500H (0.66 kW; 400 V; 1.55 A)	580
K 1002	1990	1990	2192	674	463	255	DN 300 / PN 10	HCFT/4-500H (0.66 kW; 400 V; 1.55 A)	580

The Triflow range is designed for a wide variety of industrial applications, such as

- Pressure pneumatic conveying
- Vacuum pneumatic conveying
- Combination of pressure and pneumatic conveying
- Air separation
- Aeration
- Vacuum



-  Volume flow up to 8,500m<sup>3</sup>/hr
-  Pressure 1000 / 900 mbar
-  Vacuum: 500mbar



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