

FPZ
BLOWER TECHNOLOGY

SERIES K-MD MOR

XP VERSION

TECHNICAL CHARACTERISTICS

- **Aluminium alloy construction**
- **High efficiency impeller**
- **XP electric motor**

OPTIONS

- **Special Voltages**
- **Surface treatments**
- **Increased sealing**



Data sheet

REGENERATIVE BLOWERS

PRESSURE

Model	N 3500 rpm [Hp]	Q max 3500 rpm [cfm]	Size ³	ΔP max 3500 rpm [In WG]	Leq ¹ 3500 rpm (Lp) [dB(A)]	Weight ² max [Lbs]
K07R-MD	7.5	128	E132SC	240	75	232.6
K08R-MD	7.5	167	E132SC	150	76.6	242.5
	10	167	E132SC	220	77	266.8
K09-MD	7.5	220	E132SC	110	78	280.4
	10	220	E132SC	165	79.5	304.7
	15	220	NEMA 254-6TY	271	80.5	482.2
K10-MD	10	274	E132SC	115	80.3	310.2
	15	274	NEMA 254-6TY	212	81.4	487.7
	20	274	NEMA 254-6TY	260	81.7	518
K11-MD	10	306	E132SC	75	81.1	321.2
	15	306	NEMA 254-6TY	160	81.4	498.7
	20	306	NEMA 254-6TY	240	81.7	529.5
K12-MD	15	335	NEMA 254-6TY	85	82.3	504.2
	20	335	NEMA 254-6TY	140	82.6	535

VACUUM

Model	N 3500 rpm [Hp]	Q max 3500 rpm [cfm]	Size ³	ΔP max 3500 rpm [In Hg]	Leq ¹ 3500 rpm (Lp) [dB(A)]	Weight ² max [Lbs]
K07R-MD	7.5	128	E132SC	11.9	74	232.6
K08R-MD	7.5	167	E132SC	11	76.1	242.5
	10	167	E132SC	13.2	76.4	266.8
K09-MD	7.5	220	E132SC	8.1	77.5	280.4
	10	220	E132SC	12.1	79	304.7
	15	220	NEMA 254-6TY	13.2	80.5	482.2
K10-MD	10	274	E132SC	8.5	80.7	310.2
	15	274	NEMA 254-6TY	13.2	81.3	487.7
	20	274	NEMA 254-6TY	-	-	518
K11-MD	10	306	E132SC	5.5	80.7	321.2
	15	306	NEMA 254-6TY	13.2	81.3	498.7
	20	306	NEMA 254-6TY	-	-	529.5
K12-MD	15	335	NEMA 254-6TY	6.3	82.2	504.2
	20	335	NEMA 254-6TY	10.3	82.5	535

INSTALLATION

- For proper use, the blower should be equipped with Inlet FILTER and Flow Relief VALVE; other accessories available on request.
- Ambient temperature from -15° to +40°C (+5° to +104° F).
- Specifications subject to change without notice.
- Before installation read carefully all instructions.

¹ Noise measured at 1 m distance with inlet and outlet ports piped, in accordance to ISO 3744.

² Value refers to the weight of the machine with 3 Phase motor if MOR range, without motor if GOR or GVR range.

³ Electric motor's construction form.

N: Installed motor power

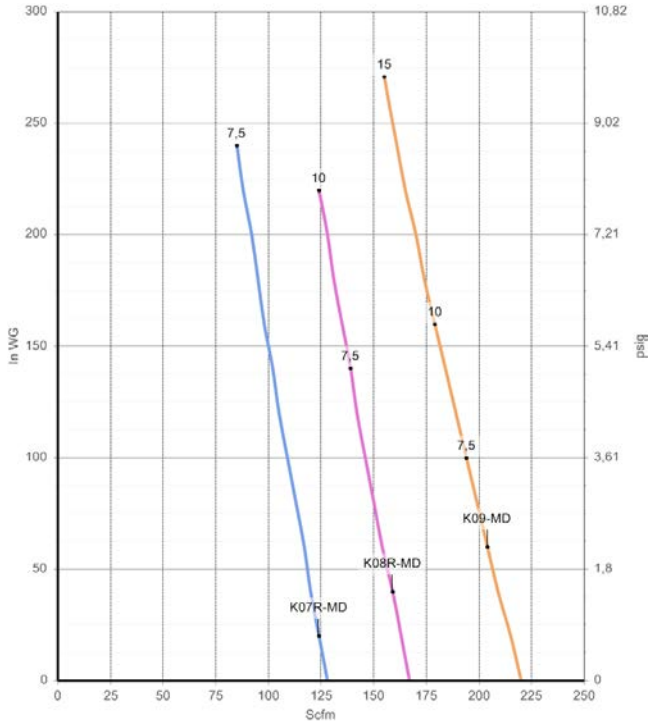
Q: Flow rate

ΔP: Differential pressure

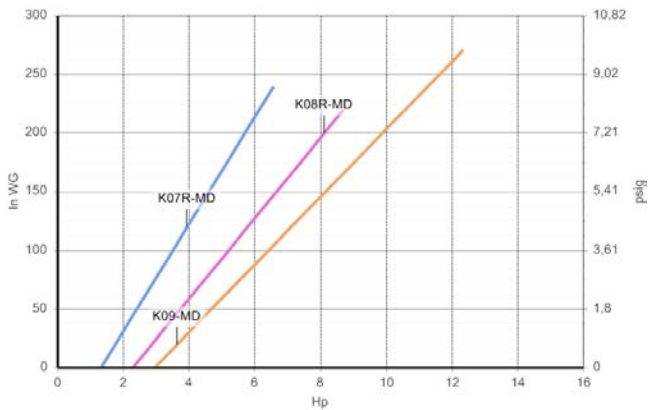
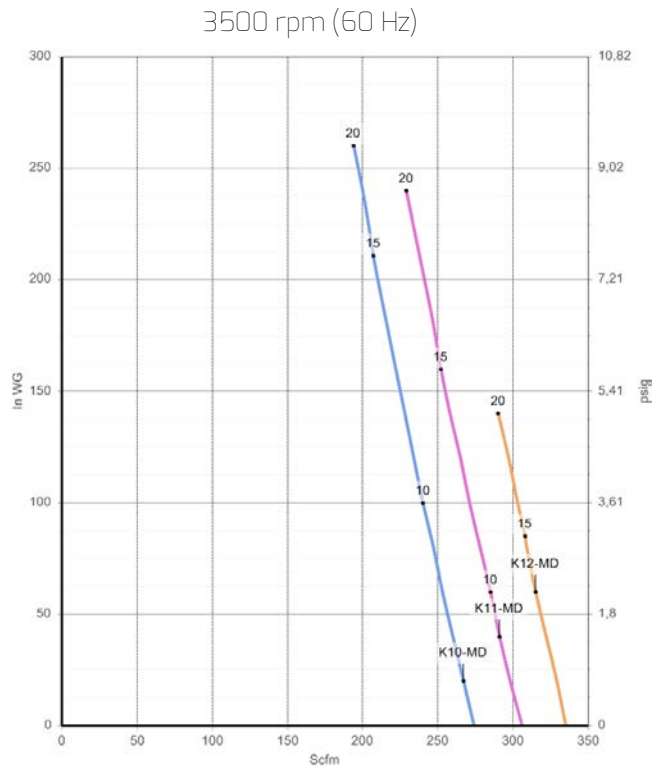
Leq: Sound

PRESSURE

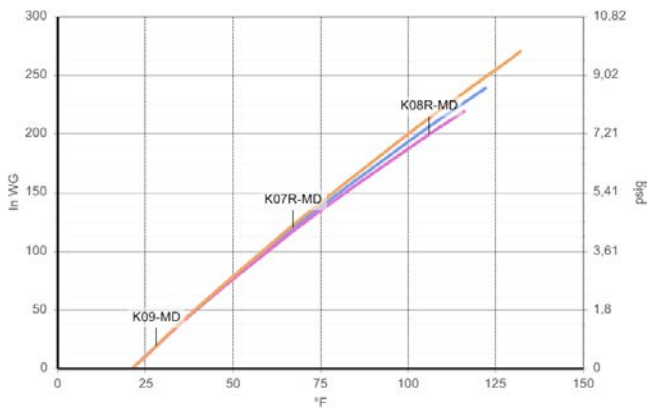
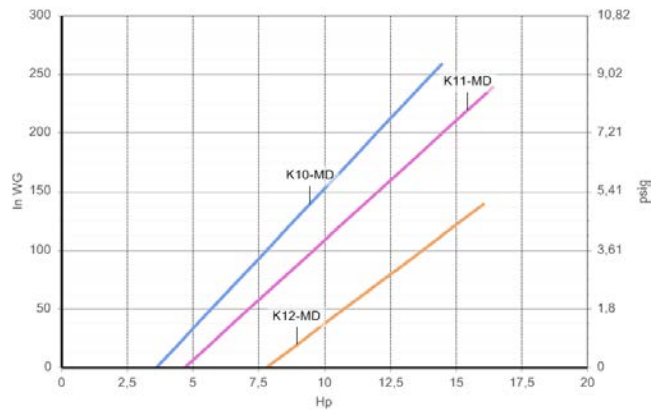
3500 rpm (60 Hz)



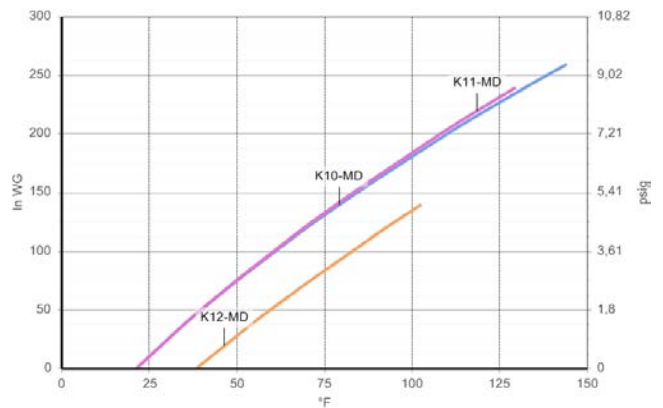
FLOW RATE



ABSORBED POWER



TEMPERATURE INCREASE

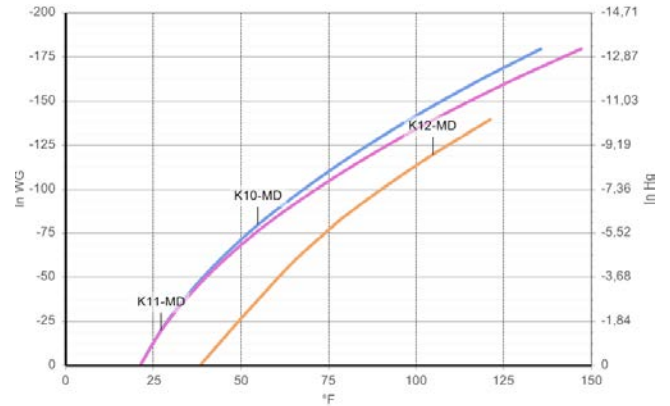
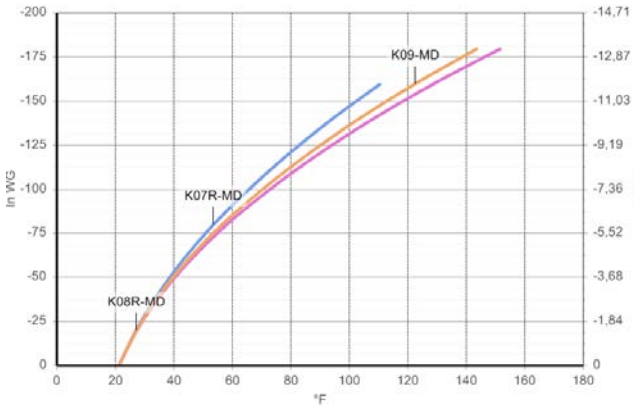
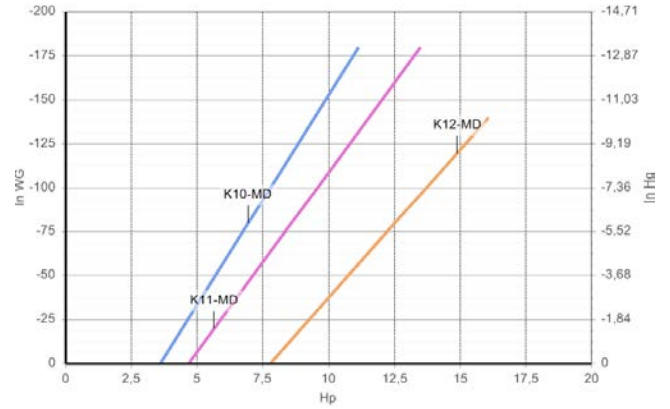
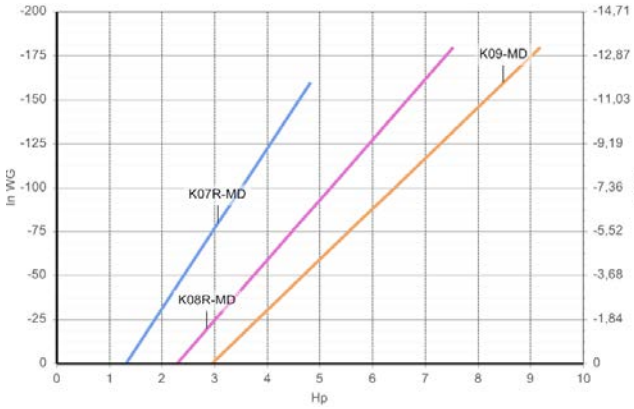
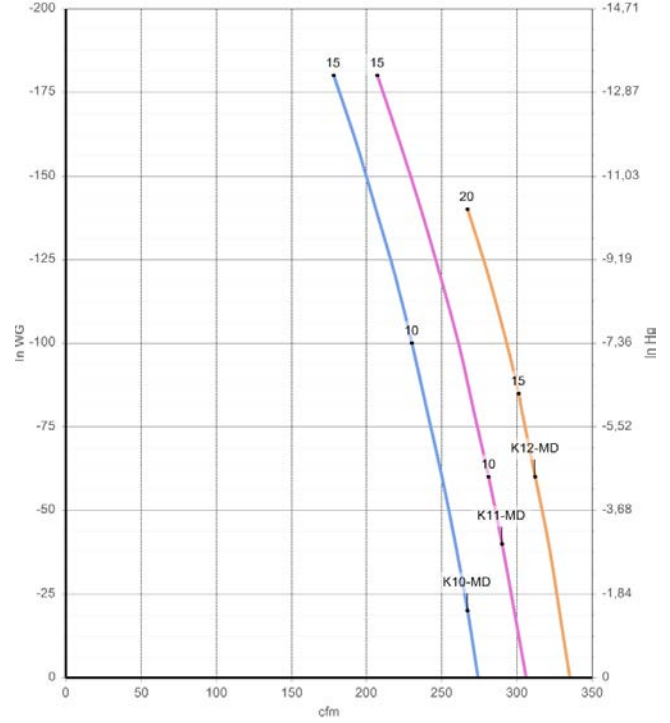
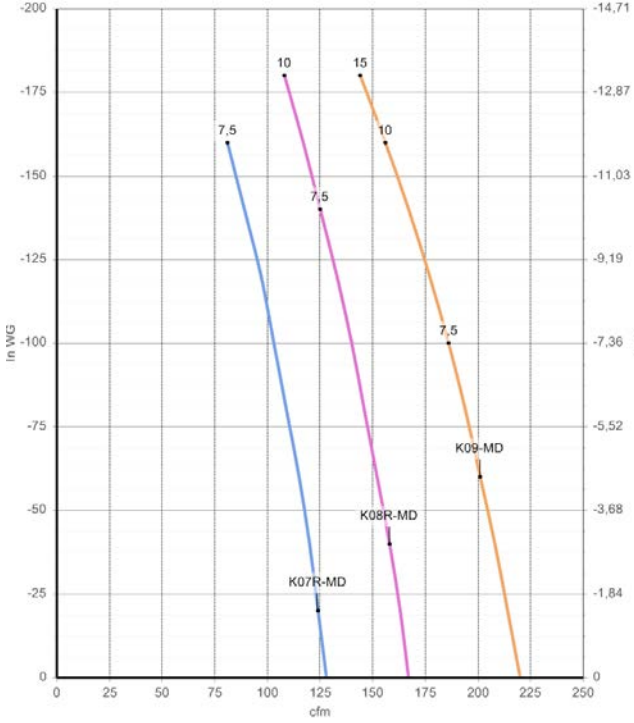


Curves refer to air at 20°C (68° F) temperature and 1013 mbar (29.92 In Hg) atmospheric pressure (abs) measured at inlet port
Values for flow, power consumption and temperature rise: ±10% tolerance
Data can change without prior notice

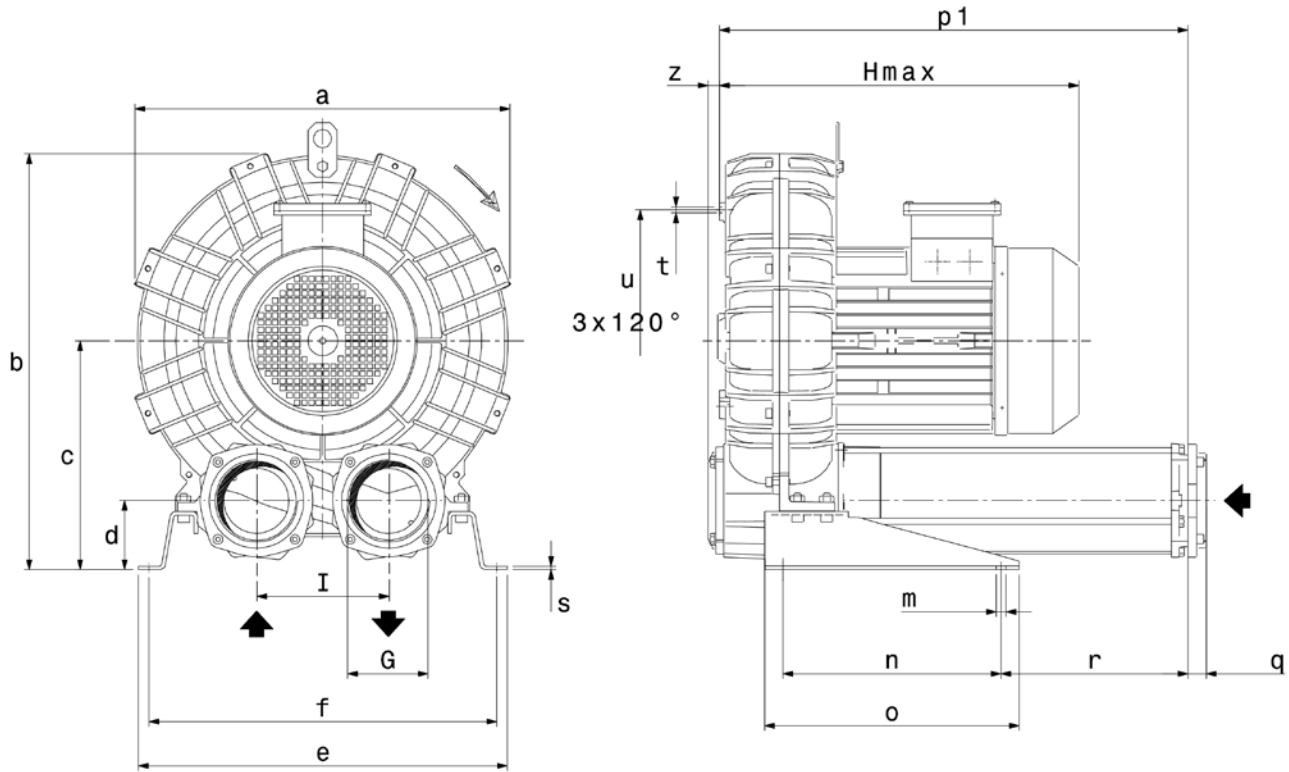
VACUUM

3500 rpm (60 Hz)

3500 rpm (60 Hz)



Curves refer to air at 20°C (68° F) temperature, measured at inlet port and 1013 mbar (29.92 In Hg) atmospheric backpressure (abs)
 Values for flow, power consumption and temperature rise: ± 10% tolerance
 Data can change without prior notice

DIMENSIONS (K07R-MD/K08R-MD/K09-MD/K10-MD/K11-MD)


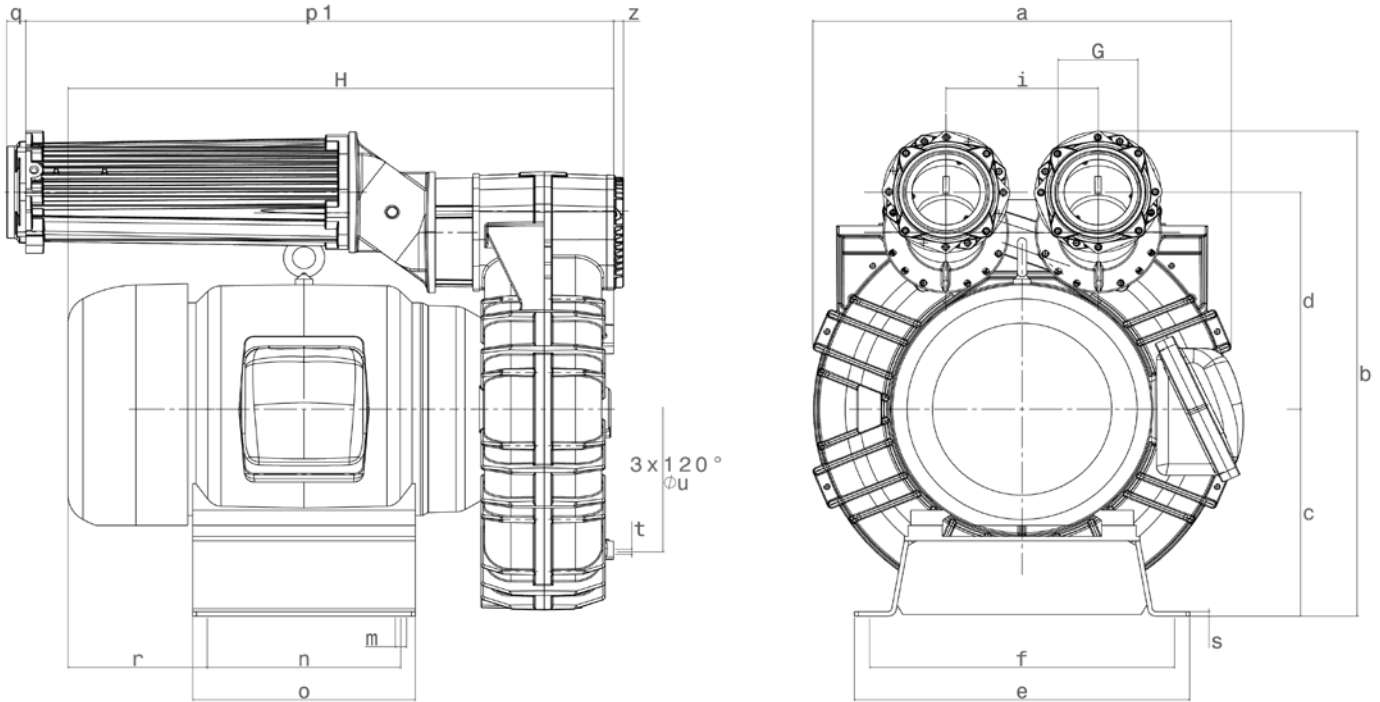
Dimensions in In - For reference only

Model	E.M.	a	b	c	d	e
K07R-MD	E132SC	16.69	18.94	10.59	3.23	18.43
K08R-MD	E132SC	17.99	19.61	10.59	3.23	18.82
K09-MD	E132SC	19.37	22.09	12.40	3.78	20.00
K10-MD	E132SC	20.31	22.56	12.40	3.78	20.00
K11-MD	E132SC	21.34	23.74	13.07	3.58	21.18

Model	f	G	H	i	m	n
K07R-MD	17.24	2" NPT	22.52	6.10	0.51	11.81
K08R-MD	17.64	2" NPT	22.52	6.10	0.51	11.81
K09-MD	18.82	4" NPT	22.90	7.17	0.51	11.81
K10-MD	18.82	4" NPT	22.90	7.17	0.51	11.81
K11-MD	20.00	4" NPT	23.20	7.87	0.51	11.81

Model	o	p1	q	r	s	t	u	z
K07R-MD	13.78	16.46	0.71	1.69	0.20	M8	11.61	0.63
K08R-MD	13.78	16.46	0.71	1.69	0.20	M8	12.20	0.63
K09-MD	13.78	25.35	0.98	10.12	0.20	M8	14.17	0.63
K10-MD	13.78	25.35	0.98	10.12	0.20	M8	14.17	0.63
K11-MD	13.78	25.75	0.98	10.31	0.20	M8	15.35	0.63

DIMENSIONS (K09-MD/K10-MD/K11-MD/K12-MD)



Dimensions in In - For reference only

Model	E.M.	a	b	c	d	e
K09-MD	NEMA 254-6TY	19.37	24.15	11.13	9.71	17.3
K10-MD	NEMA 254-6TY	20.31	24.62	11.13	10.18	17.3
K11-MD	NEMA 254-6TY	21.34	26.02	11.13	11.58	17.3
K12-MD	NEMA 254-6TY	21.57	26.10	11.13	11.66	17.3

Model	f	G	H	i	m	n
K09-MD	15.75	4" NPT	27.93	7.17	0.6	10
K10-MD	15.75	4" NPT	27.93	7.17	0.6	10
K11-MD	15.75	4" NPT	28.13	7.87	0.6	10
K12-MD	15.75	4" NPT	28.25	7.87	0.6	10

Model	o	p1	q	r	s	t	u	z
K09-MD	11.5	32.08	0.98	6.95	0.23	M8	14.17	0.63
K10-MD	11.5	32.08	0.98	6.95	0.23	M8	14.17	0.63
K11-MD	11.5	32.58	0.98	7.15	0.23	M8	15.35	0.63
K12-MD	11.5	32.58	0.98	7.15	0.23	M8	15.35	0.51



FPZ
BLOWER TECHNOLOGY

FPZ, Inc
Saukville, Wisconsin
USA
usa@fpz.com

FPZ México/LA
Zapopan, Jalisco
México
mexico@fpz.com

FPZ Espana & Portugal
Barcelona
Espana
mila.lozano@fpz.com

FPZ France S.a.r.l.
St. Priest
France
france@fpz.com

FPZ UK
Andover, Hampshire
United Kingdom
uk@fpz.com

HEADQUARTERS
FPZ S.p.A.
Concorezzo (MB)
Italy
info@fpz.com

FPZ Austria & Germany
Krems
Austria
vertrieb@fpz.com