General Purpose Inline Exhaust Fans

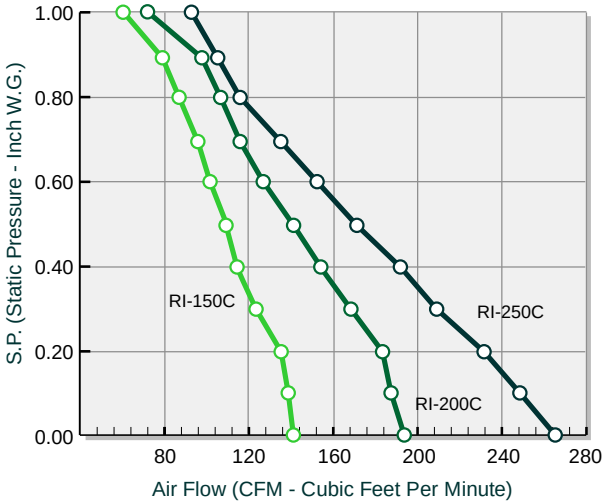
RI Series

Model:

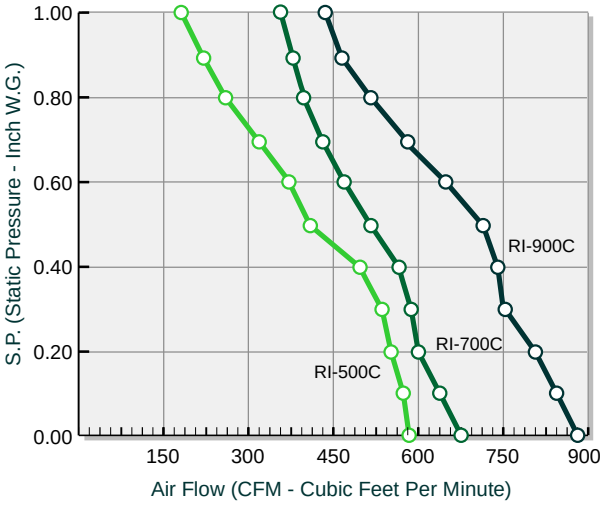
RI-150C/200C/250C
RI-500C/700C/900C

- Self cleaning, non overloading wheel
- Engineered for quiet continuous operation making it perfect for general purpose ventilation
- Low profile construction simplifies installation in those tight spaces
- Built with a well balanced backward-curved motor impeller assembly that matches well with the housing to maximize airflow, efficiency and minimize the noise level
- Formed and tooled by quality deep-stretch cold rolling steel
- Suitable for use in high-rise condominium, office buildings, schools, boardrooms or where high volume quiet ventilation is required
- Available for 4”, 5”, 6”, 8” 10” and 12” duct sizes
- Mounting brackets are included

RI-150C/200C/250C FAN DATA



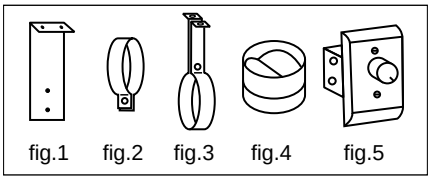
RI-500C/700C/900C FAN DATA



ACCESSORIES

Standard:

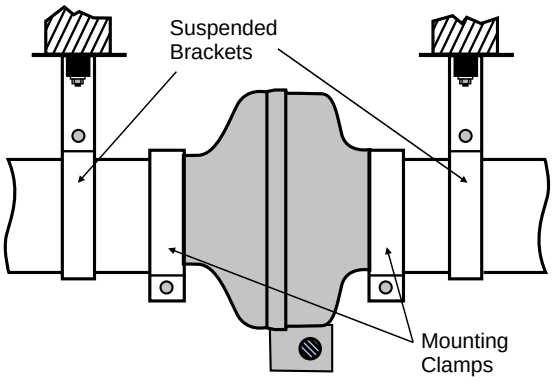
- Mounting brackets (fig.1)
- Rubber Isolator
- M6 Steel Expansion Bolt

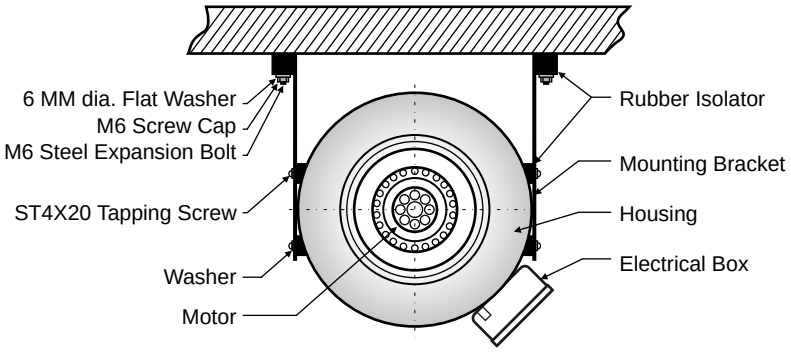


Optional:

- Mounting clamps (fig.2)
- Suspension bracket (fig.3)
- Backdraft damper with butterfly valve (fig.4)
- Speed Control (fig.5)

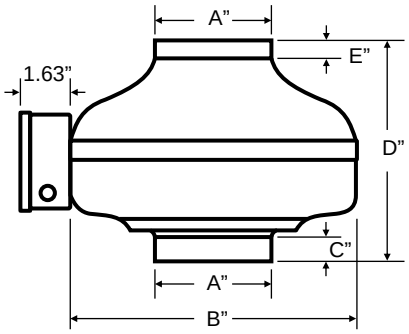
INSTALLATION



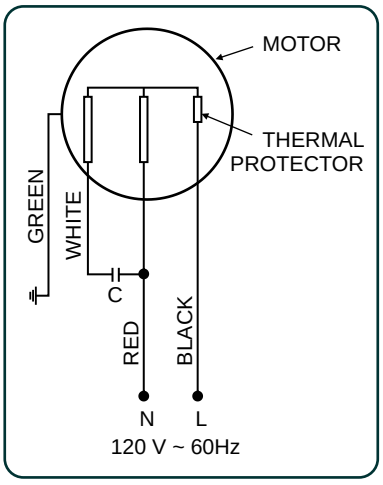


DIMENSION

MODEL	A”	B”	C”	D”	E”
RI-150C	3 7/8	9 9/16	13/16	7 5/16	5/8
RI-200C	4 7/8	9 1/2	13/16	7 7/16	7/8
RI-250C	5 7/8	10 5/8	1	7 5/8	13/16
RI-500C	7 7/8	13 5/8	1 3/4	9	1 1/4
RI-700C	9 7/8	13 5/8	1 3/4	9	1 1/4
RI-900C	11 7/8	15 3/4	1 3/4	10 1/4	1 1/4



WIRING DIAGRAM



PERFORMANCE (CFM)

MODEL	MOTOR 120 VAC 60 Hz				CUBIC FEET PER MINUTE											
	RPM	AMPS	WATTS	SONES	S.P.	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
RI-150 (DJT10-25B)	2450	0.80	92	2.7	CFM	141	138	135	124	115	109	103	97	87	79	60
RI-200 (DJT12-35B)	2420	0.86	102	3.0	CFM	194	187	183	162	154	141	127	118	108	98	73
RI-250 (DJT15-45B)	2620	0.88	105	3.5	CFM	264	248	232	209	193	171	153	135	117	105	91
RI-500 (DJT20-46B)	2530	2.03	235	4.1	CFM	582	570	558	535	495	406	373	337	278	221	183
RI-700 (DJT25-66B)	2660	1.88	220	5.5	CFM	676	638	600	578	560	503	469	437	401	380	353
RI-900 (DJT31-66B)	2730	1.80	210	4.9	CFM	882	847	811	755	742	716	648	577	518	473	437

RPM (Revolution Per Minute) shown is nominal and performance is based on actual speed of test.

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