



RI-150, RI-200, RI-250, RI-500, RI-700, RI-900, RI-1200

April, 2008

**RI SERIES
GENERAL PURPOSE INLINE EXHAUST FANS**

- Engineered to provide effective and reliable operation making it perfect for general purpose inline ventilation.
- Low profile construction for ease of installation in confined spaces.
- Built with a well balanced air over motor impeller assembly, and a backward inclined wheel for smooth quiet operation.
- High efficiency motor. Available for 4", 5", 6", 8", 10" and 12" duct sizes.
- Fan housing constructed of heavy gauge satin coat steel with baked enamel finish.
- Suitable for use in high-rise condominium, office buildings, schools, boardrooms or where high volume quiet ventilation is required.
- The models RI-150, RI-200 & RI-250 meet Washington State Ventilation and Indoor Air Quality Code.

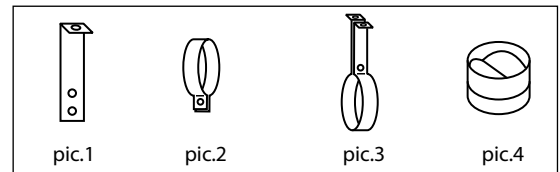
ACCESSORIES

Standard:

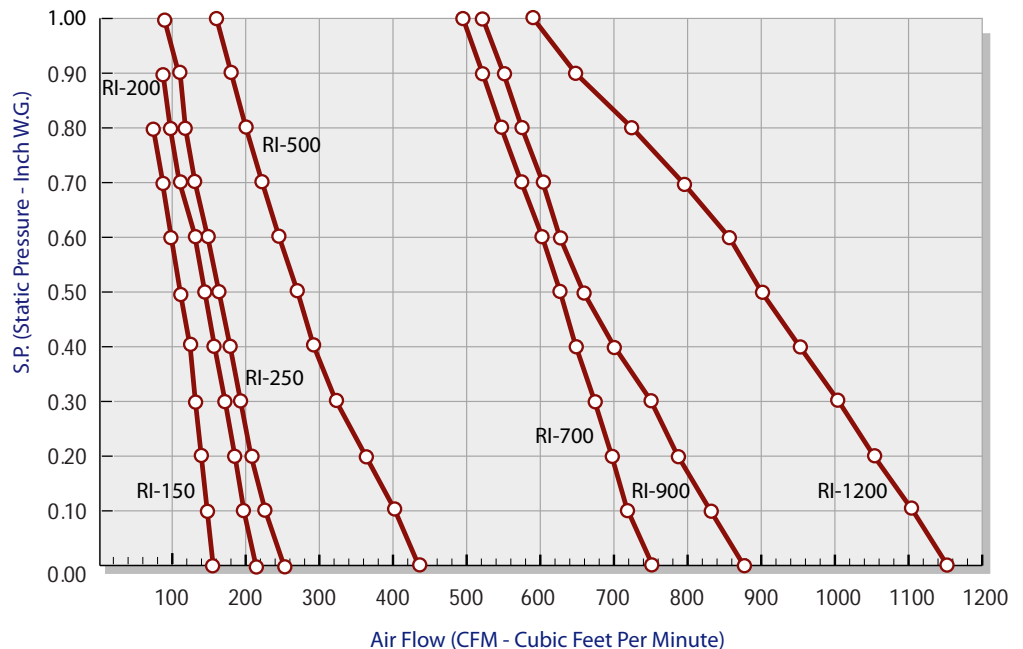
- Mounting brackets for wall or truss mounting (pic.1)

Optional:

- Mounting clamps for use with rigid duct, complete with foam rubber insulation (pic.2)
- Suspension bracket (pic.3)
- Backdraft damper with butterfly valve to prevent cold air from entering when fan is not in use (pic.4)



RI SERIES FAN DATA

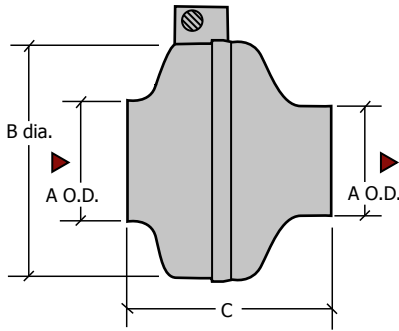


SOUND RATING

MODEL	RI-150	RI-200	RI-250	RI-500	RI-700	RI-900	RI-1200
SOUND LEVEL	2.2 sones	2.5 sones	2.7 sones	3.8 sones	5.1 sones	4.5 sones	4.5 sones

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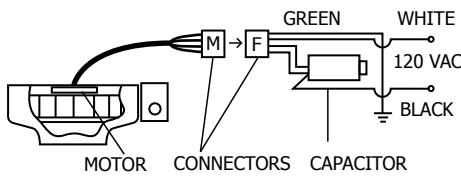
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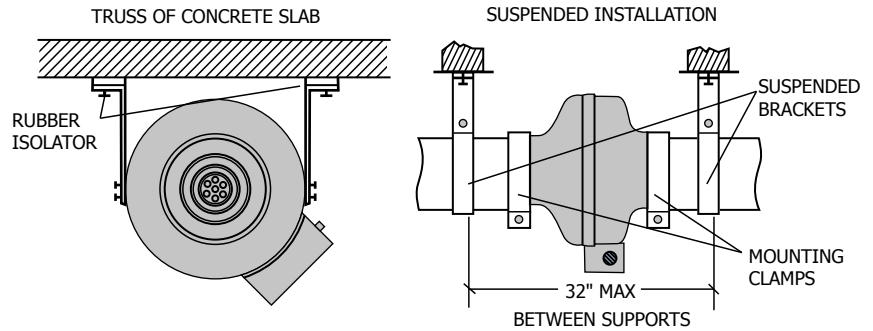
FAN SIZE

MODEL	RI-150	RI-200	RI-250	RI-500	RI-700	RI-900	RI-1200
A	3-7/8"	4-7/8"	5-7/8"	7-7/8"	9-7/8"	11-7/8"	11-7/8"
B	9-1/2"			13"		16"	18"
C	8"			10"		12"	12-1/2"

ELECTRICAL CONNECTION



INSTALLATION



HVI CERTIFIED RATINGS

MODEL	CFM @ 0.20" S.P.
RI-150	130
RI-200	170
RI-250	190

FAN MOTOR

MODEL	RI-150	RI-200	RI-250	RI-500	RI-700	RI-900	RI-1200
Watts		85		100	400	240	360
RPM		2500		2550	3100	1570	1420
Capacitor		8 mfd		10 mfd	20 mfd	20 mfd	24 mfd

PERFORMANCE CHART

MODEL	CUBIC FEET PER MINUTE AT STATIC PRESSURE										
	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00
RI-150	156	148	140	132	125	112	101	94	88	-	-
RI-200	214	198	186	173	159	146	133	121	109	97	-
RI-250	252	227	208	194	180	165	150	133	120	108	93
RI-500	434	402	362	322	292	270	245	222	200	180	160
RI-700	752	719	698	675	650	629	605	577	550	525	500
RI-900	875	830	786	750	700	659	632	605	581	553	525
RI-1200	1154	1107	1054	1006	953	901	857	794	725	648	592

RPM (Revolution Per Minute) shown is nominal and performance is based on actual speed of test. Unit was tested with inlet cone, backdraft damper and outlet duct.

Contractor:		RI SERIES		
Architect:	Job:	Date	Supersedes	Drawing NO.
Engineer:	Date Submitted:			

Reversomatic Manufacturing Ltd.

790 Rowntree Dairy Road, Woodbridge, ON Canada L4L 5V3 • Tel: 905-851-6701 • Fax: 905-851-8376
 www.reversomatic.com • info@reversomatic.com