

TURBO-TEK

MULTI PURPOSE INLINE EXHAUST FANS

POWERFUL • QUIET • EFFICIENT • RELIABLE

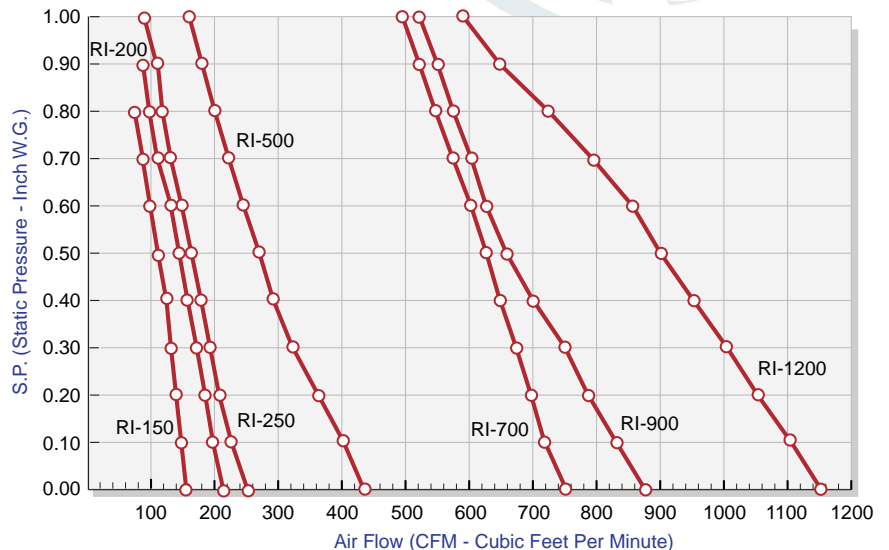
The TURBO-TEK inline fan represents our most versatile fan series in this catalogue. Its multipurpose capability provides air moving solutions to almost any ventilation condition. Its versatility allows itself to be used in any residential, commercial or even industrial applications.



- QUIET OPERATION
- SPEED CONTROLLABLE
- 4-12" DUCT DIAMETER
- EXTERNAL WIRING BOX FAST CONNECTIONS
- TOTALLY ENCLOSED MOTOR
- CAPACITOR (PSC MOTOR) FOR HIGH EFFICIENCY
- HIGH TEMPERATURE CAPABILITY UP TO 140° F

- Engineered to provide maximum CFM performance even in severe restrictive duct conditions
- Built with a well balanced air over motor impeller assembly, and a backward inclined wheel for smooth quiet operation.
- Fan housing constructed of heavy gauge satin coat steel with baked enamel finish.
- Suitable for use in Hi-rise condominium, office buildings, schools, boardrooms or where high volume quiet ventilation is required.

RI SERIES FAN DATA

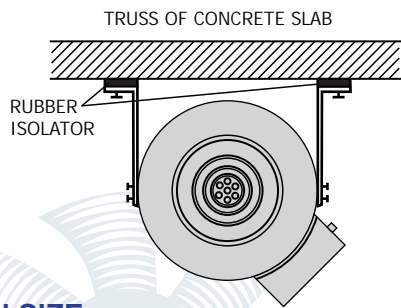
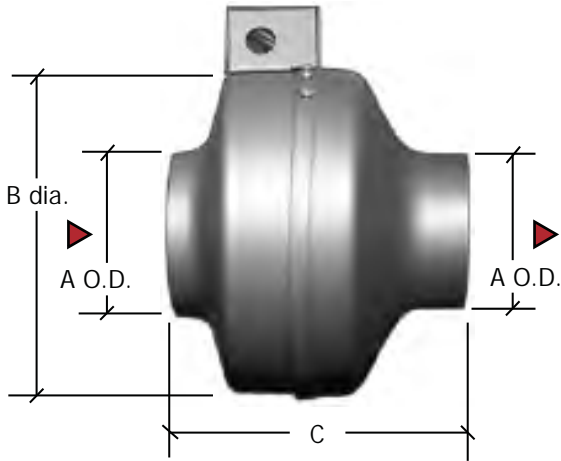


SOUND RATING

MODEL	RI-150	RI-200	RI-250	RI-500	RI-700	RI-900	RI-1200
SOUND LEVEL	2.2 sones	2.5 sones	2.5 sones	2.8 sones	3.5 sones	3.8 sones	3.8 sones

NOTE: Sones at 8 feet.

TURBO-TEK SPECIFICATION



ACCESSORIES

Standard:

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

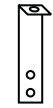


fig.1



fig.2

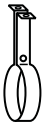


fig.3

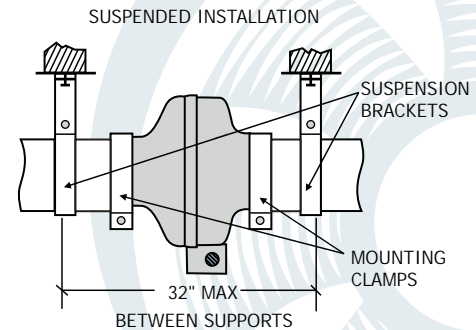
Optional:

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



fig.4

TYPICAL INSTALLATION



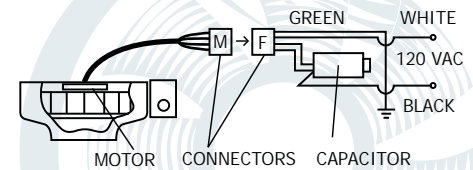
FAN SIZE

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"	

FAN MOTOR

MODEL	RI-150	RI-200	RI-250	RI-500	RI-700	RI-900	RI-1200
AMPS	0.70			1.0	3.5	2.4	3.1
Watts	85			100	400	240	360
RPM	2500			2550	3100	1570	1420
Capacitor	8 mfd			10 mfd	20 mfd	20 mfd	24 mfd

ELECTRICAL CONNECTION



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.