

TURBO 100

Inline mixed-flow fans



Description

- o Turbo fans provide ultra quiet operation & excellent airflow even in high pressure systems.
- o The specifically designed and optimized case and the new aerodynamic mixed flow impeller ensure the highest performance.
- o The diffuser, impeller and guide vanes provide a smooth laminar air flow which in turn minimizes turbulence and noise, and generates an excellent air flow to pressure performance ratio.
- o The hemispheric shaped impeller with specially profiled blades is designed to ensure super silent operation.
- o The Removable Body, including motor, impeller and junction box, is the Ultimate Solution for Easy Installation & cleaning.
- o The Removable Body with the junction box can be rotated 180°, to Facilitate Mounting and Wiring.
- o Five year warranty.



Casing

- o The fan's casing is made of high quality, UV resistant plastic (flame rating – 5VA). It is equipped with a mounting plate to attach the fan to the wall or ceiling.

Motor

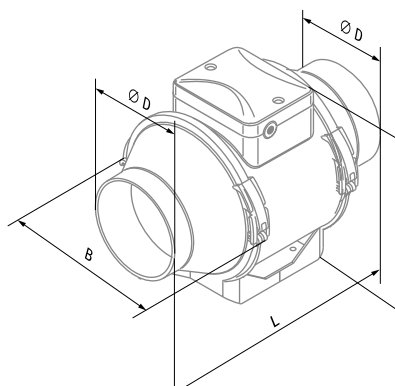
- o Motors are supplied with automatic reset thermal protection and are equipped with ball bearings for longer service life (40,000 hrs).
- o Suitable for air stream temperature up to 140 °F.

Suitable for:

- o Bathrooms
- o Kitchen
- o Apartments
- o Cottages
- o Small offices
- o Libraries
- o Education facilities etc.

Dimensions [in]

Model	Duct dia	Ø D	B	H	L	Weight [lb]
Turbo 100	4"	3 13/16"	7 11/16"	8 15/16"	11 15/16"	3.39



Technical data

Model	Duct dia	Energy Star compliance	Speed	RPM*	Sones	Watts*	Amps*	CFM*	CFM vs. Static Pressure (Ps) in WG											Max Ps, in WG	Volts
									0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1		
Turbo 100	4"	no	high	2363	1.5	28	0.23	100**	134	119	100**	78	58**	36	18	9	-	-	-	0.78	120
			low	2065	0.9	22	0.2	60**	97	79	60**	39	20**	8	-	-	-	-	-	0.61	120

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.

** HVI rated.

MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by:

TURBO 125

Inline mixed-flow fans



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Casing

- o The fan's casing is made of high quality, UV resistant plastic (flame rating – 5VA). It is equipped with a mounting plate to attach the fan to the wall or ceiling.

Motor

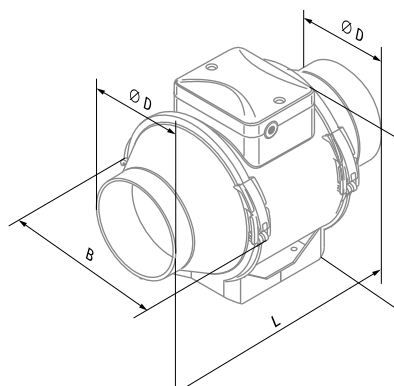
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Dimensions [in]

Model	Duct dia	Ø D	B	H	L	Weight [lb]
Turbo 125	5"	4 13/16"	7 11/16"	8 15/16"	10 3/16"	3.33



Technical data

Model	Duct dia	Energy Star compliance	Speed	RPM*	Sones	Watts*	Amps*	CFM*	CFM vs. Static Pressure (Ps) in WG											Max Ps, in WG	Volts
									0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1		
Turbo 125	5"	no	high	2303	1.3	36	0.29	160**	199	181	160**	137	94**	62	33	0	-	-	-	0.7	120
			low	1990	0.6	23	0.2	70**	117	95	70**	44	11**	-	-	-	-	-	-	0.48	120

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.

** HVI rated.

MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by:

TURBO 150

Inline mixed-flow fans



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Casing

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Motor

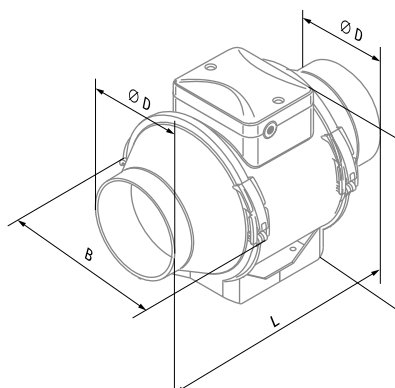
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Dimensions [in]

Model	Duct dia	Ø D	B	H	L	Weight [lb]
Turbo 150	6"	5 13/16"	8 11/16"	9 3/4"	11 3/8"	4.58



Technical data

Model	Duct dia	Energy Star compliance	Speed	RPM*	Sones	Watts*	Amps*	CFM*	CFM vs. Static Pressure (Ps) in WG											Max Ps, in WG	Volts
									0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1		
Turbo 150	6"	no	high	2570	2.5	67	0.56	290**	317	305	290**	274	257**	237	218	189	130	81	48	1.22	120
			low	1847	1.1	53	0.46	190**	237	217	190**	169	132**	108	81	51	26	0	-	0.93	120

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.

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