

Inline centrifugal fans

Description

- Centro-M inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- The fan's housing is made of steel with polymer coating. The quiet and efficient backward curved impeller is capable of operating in high pressure systems.
- In-line configuration simplifies installation.
- Centro-M inline duct fans can eliminate many ventilation problems.
- They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- The Centro-M series fans are specifically for simple installation and maintenance free operation.





Casing

• Fans have a housing made of steel with polymer coating.

Motor

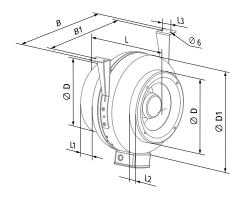
- Motors are supplied with automatic reset thermal protection and are equipped with ball bearings for longer service life (40,000 hrs).
- Suitable for air stream temperature from -13...+113 °F.

Suitable for:

- Bathroom exhaust;
- Kitchen ventilation;
- o Living area;
- Whole house ventilation;
- Workshops & smoking areas;
- o Offices;
- Bars & restaurants;
- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 100	4"	3 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	0 13/16"	1"	1 3/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFM	ฟ vs. Stat	ic Pressu	re (Ps) in	WG				Volts
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits
Centro-M 100	4"	2730	2.3	68	0.57	142	156	147	142	135	128	122	116	108	103	95	86	120

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

MODEL	QUANTITY	COMMENTS	PROJECT
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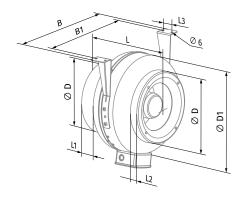
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- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 125	5"	4 15/16"	10"	11 3/4"	10 3/16"	8 1/16"	0 13/16"	1"	1 3/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFI	M vs. Stat	ic Pressu	re (Ps) in	WG				Volts
modet	dia	Ki M	Jones	watts	Amps	Cim	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits
Centro-M 125	5"	2663	3.3	73	0.62	200**	228	214	200**	185	174	160	146	136	124	113	102	120

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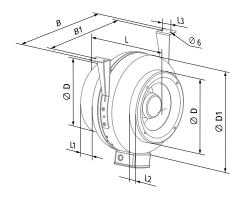
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Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 150	6"	5 7/8"	11 15/16"	13 3/4"	12 3/16"	8 11/16"	1"	1"	1 3/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFM	۸ vs. Stat	ic Pressu	re (Ps) in	WG				Volts
Model	dia	KFM	301163	watts	Allips	CIW	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits
Centro-M 150	6"	2781	4.3	150	1.28	420**	456	439	420**	399	378	357	335	316	295	275	255	120

^{*} The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure. ** HVI rated.

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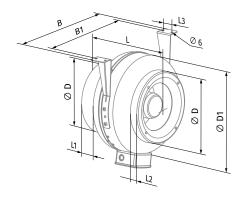
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Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 200	8"	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFI	M vs. Stati	ic Pressu	re (Ps) in	WG				Volts
Model	dia	KI M	Jones	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	Votts
Centro-M 200	8"	2335	4.6	201	1.72	530**	599	566	530**	482	440**	405	372**	337	310	284	261**	120

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CENTRO-M 200 MAX

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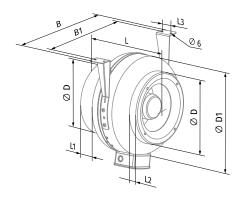
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- o Offices;
- o Bars & restaurants;
- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 200 max	8"	7 7/8"	13 9/16"	15 3/8"	13 3/4"	9 7/8"	1"	1 1/8"	1 9/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM vs. Static Pressure (Ps) in WG									Volts			
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	VOILS
Centro-M 200 max	8"	2745	4.7	240	2.14	632	657	643	632	617	605	590	575	559	540	520	498	120

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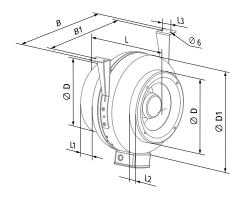
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- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 250	10"	9 13/16"	13 9/16"	15 3/8"	13 3/4"	9 3/16"	1"	1 1/4"	1 9/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFI	M vs. Stati	c Pressu	re (Ps) in	WG				Volts
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	Voits
Centro-M 250	10"	2374	4.6	229	1.98	610**	687	648	610**	566	525**	477	441**	405	375	338	315**	120

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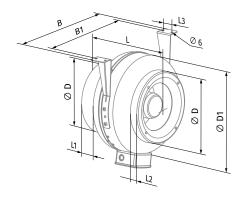
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- Kitchen ventilation;
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- Whole house ventilation;
- Workshops & smoking areas;
- o Offices;
- o Bars & restaurants;
- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 305	12"	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	0 15/16"	1 3/16"	1 9/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM*				CFI	M vs. Stati	c Pressu	re (Ps) in	WG				Volts
Model	dia	KFM	Julies	watts	Allips	CIW	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	Voits
Centro-M 305	12"	2647	5.7	219	1.91	680**	740	712	680**	642	606**	562	521**	474	435	400	371**	120

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CENTRO-M 305 MAX

Inline centrifugal fans

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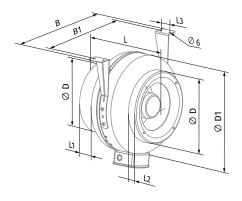
- Motors are supplied with automatic reset thermal protection and are equipped with ball bearings for longer service life (40,000 hrs).
- Suitable for air stream temperature from -13...+113 °F.

Suitable for:

- o Bathroom exhaust;
- Kitchen ventilation;
- o Living area;
- Whole house ventilation;
- Workshops & smoking areas;
- o Offices;
- o Bars & restaurants;
- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 305 max	12"	12"	15 7/8"	17 3/4"	16 5/16"	10 1/4"	0 15/16"	1 3/16"	1 9/16"



Model	Duct	RPM*	Sones	Watts*	Amps*	CFM vs. Static Pressure (Ps) in Wo								WG			Volts	
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits
Centro-M 305 max	12"	2320	6.1	272	2.42	890	985	930	890	845	810	773	735	700	660	627	594	120

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CENTRO-M 355 L

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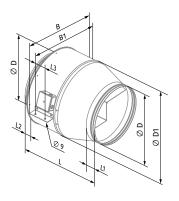
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- Suitable for air stream temperature from -13...+113 °F.

Suitable for:

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- Kitchen ventilation;
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- Workshops & smoking areas;
- o Offices;
- o Bars & restaurants;
- Warehouses;
- o Duct boosting.

Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 355 L	14"	13 7/8"	18 1/8"	20 9/16"	20 9/16"	19 15/16"	2 3/8"	2 3/8"	2 3/4"



Model	Duct	RPM*	Sones	Watts*	Amps*	Δmns*	Amne*	ns* CFM*	ıps* CFM*				CFI	M vs. Stat	ic Pressu	re (Ps) in	WG	IG			Volts
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits			
Centro-M 355 L	14"	1620	8	297	1.3	1248	1390	1320	1248	1201	1177	1118	1001	765	530	333	175	220			

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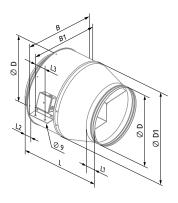
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Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 400	16"	15 11/16"	22 7/16"	26 1/8"	24 15/16"	22 7/16"	2 3/8"	2 3/8"	2 3/4"



Model	Duct	RPM*	Sones	Watts*	Δmns*	Δmns*	Amps*	Amns*	Amne*	CFM*				CFM	ฟ vs. Stat	ic Pressu	re (Ps) in	WG				Volts
Model	dia	KI M	Jones	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	Votts				
Centro-M 400	16"	1585	9.8	673	3.05	1989	2071	2050	1989	1972	1913	1854	1700	1589	1413	1236	294	220				

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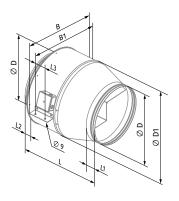
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Dimensions [in]

Model	Duct dia	Ø D	Ø D1	В	B1	L	L1	L2	L3
Centro-M 450	18"	17 5/8"	23 15/16"	27 9/16"	26 3/8"	25 3/8"	2 3/8"	2 3/8"	3 1/8"



Model	Duct	RPM*	Sones	Watts*	Δmns*	Amns*	Amps*	Δmns*	Amne*	CFM*				CFM	ฟ vs. Stat	ic Pressu	re (Ps) in	WG			411	Volts
Model	dia	KFM	Julies	watts	Allips	CIM	0"	0.1"	0.2"	0.3"	0.4"	0.5"	0.6"	0.7"	0.8"	0.9"	1"	voits				
Centro-M 450	18"	1560	12	1250	5.4	3531	3716	3630	3531	3470	3414	3296	3060	2825	2578	2295	706	220				

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

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