

Inline centrifugal fan

Description

- Iso-Mix sound-insulated inline mixed-flow fans are designed for residential and commercial ventilation applications.
- Special inner perforation of the casing and sound-insulating material are designed for wide-frequency sound absorbing.
- Mixed-flow impeller made of high-quality plastic.
- The diffusor, the specially profiled impeller and directing vanes provide high performance and powerful pressure combined with low noise operation.
- External airtight terminal block on the fan casing for power supply.
- Mounting brackets on the fan casing for mounting to the floor, to the wall or ceiling.



Casing

• The casing is made of polymer-coated steel, internally filled with 50 mm mineral wool thermal- and sound-insulating layer.

Motor

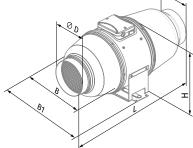
- Double-speed single-phase high-efficient motor with low energy demand on ball bearings.
- Overheating protection by built-in thermal switches.
- Motor ingress protection rating IPX4.

Suitable for:

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

Overall dimensions [in]

overation							
Туре	Duct dia	ØD	В	B1	L	н	
Iso-Mix 100	4"	3 7/8"	8 7/16"	9 9/16"	19 7/8"	9 5/16"	
				N ⊗ D			



Technical data

Model	Duct	Enord	RPM*	Conoc	Watts*	Amps*				CFM	۸ vs. Stat	ic Pressu	re (Ps) in	WG				Volts/Hz
Model dia	Speed RP	KPM.	Sones	Walls	Amps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	VOILS/HZ	
lso-Mix 100	A.11	high	2363	1.2	28	0.24	128	113	97	76	56	32	10	-	-	-	-	100/60
150-MIX 100	4	low	2065	0.3	22	0.2	99	81	62	40	12	-	-	-	-	-	-	120/60
* The parameters PE	M Watte	Amps aro	indicatod	at 0.2 in V	* The narameters RDM Watts Amns are indicated at 0.2 in WG static pressure													

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

MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
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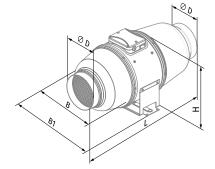
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Overall dimensions [in]

Туре	Duct dia	ØD	В	B1	L	н
Iso-Mix 125	5"	4 13/16"	8 7/16"	9 9/16"	18 11/16"	9 5/16"



Technical data

Model	Duct	Speed	RPM*	Sones	Watts*	Amps*				CFA	A vs. Stat	ic Pressu	re (Ps) in	WG				Volts/Hz
dia dia	Speed	KF M	Jones	> walls	Amps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	VOILS/HZ	
lso-Mix 125	F "	high	2303	0.9	35	0.3	188	174	158	130	94	60	30	0	-	-	-	120/60
150-MIX 125	5	low	1990	0.4	23	0.22	116	90	68	38	0	-	-	-	-	-	-	120/00
* The parameters PD	M Watte	Amps aro	indicatod	at 0.2 in V	VG static r	roccuro												

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

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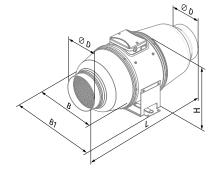
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Overall dimensions [in]

Туре	Duct dia	Ø D	В	B1	L	н
Iso-Mix 150	6"	5 13/16"	9 3/4"	10 13/16"	22 13/16"	10 1/4"



Technical data

Model	Duct	Enord	RPM*	Sones	Watts*	Amps*				CFI	M vs. Stat	ic Pressu	re (Ps) in	WG				Volts/Hz
Model	det dia	Speed	NF/M	Jones	s walls	Amps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	VOILS/HZ
lso-Mix 150	٤"	high	2570	2.0	67	0.55	327	314	299	284	266	245	224	190	140	89	48	120/60
ISO-MIX 150	6"	low	1847	0.7	53	0.45	240	220	192	171	135	111	86	56	28	5	-	120/00
* The parameters RP	M Watts	Amns are	indicated	at 0.2 in V	VG static n	ressure												

meters RPM, Watts, Amps are indicated at 0.2 in WG static press

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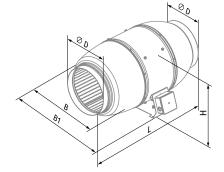
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Overall dimensions [in]

Туре	Duct dia	Ø D	В	B1	L	н
Iso-Mix 200	8"	7 13/16"	11 9/16"	15 3/16"	20 7/16"	11 5/8"



Technical data

Model	Duct		Speed	RPM*	Conoc	Watts*	Amne*				CFI	M vs. Stat	ic Pressu	re (Ps) in	WG				Volto /Uz
Model	dia	Speed	KPM.	Sones	Walls	Amps*	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	Volts/Hz	
Iso-Mix 200	0"	high	2303	2.0	111	0.93	473	455	432	405	379	352	313	274	221	155	89	120/60	
ISO-MIX 200	8	low	1990	0.7	70	0.58	349	323	294	249	203	158	108	57	26	13	0	120/60	
* The narameters R	DM Watte			at 0.2 in V															

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

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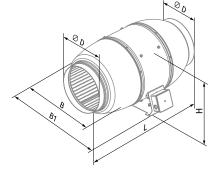
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Overall dimensions [in]

Type Duct dia	a Ø D	В	B1	L	Н	
Iso-Mix 250 10"	9 3/4"	14 1/16"	17 1/2"	25 3/16"	14 3/16"	



Technical data

Model	Duct 			Watts*	Amps*	CFM vs. Static Pressure (Ps) in WG								Volts/Hz				
Model	dia Speed RPM* S	Julies	Walls	Amps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	VOILS/HZ		
10"	10"	high	2570	4.0	200	1.68	880	874	866	858	850	842	832	821	794	751	708	120/60
lso-Mix 250	10	low	1847	2.0	130	1.11	655	648	630	608	587	565	531	497	450	390	330	120/00
* The parameters RPM Watts Amps are indicated at 0.2 in WG static pressure																		

meters RPM, Watts, Amps are indicated at 0.2 in WG static pressu

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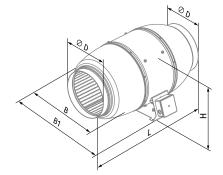
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Overall dimensions [in]

Туре	Duct dia	Ø D	В	B1	L	н
Iso-Mix 315	12"	12 5/16"	17"	20 1/2"	31 7/8"	17 1/16"



Technical data

Model	Duct	Speed		Sones	s Watts*	Watte*	Amps*				CFI	M vs. Stat	ic Pressu	re (Ps) in	WG				Volts/Hz
Model	dia Speed RPM*	KPM"	1" Solles	Walls"	Amps	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	VOILS/HZ		
Iso-Mix 315	10.0/0"	high	2570	3.5	353	2.95	1050	1026	999	971	942	914	884	853	823	794	764	120/60	
ISO-MIX 315	12 3/8"	low	1847	2.0	236	1.95	830	804	770	726	682	638	581	524	464	399	335	120/00	
* The parameters RPM Watts Amos are indicated at 0.2 in WG static pressure																			

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

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