

# CENTRO-M EC 100

## Inline centrifugal fans with EC motor

### Description

- o Centro-M EC inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- o 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.
- o In-line configuration simplifies installation.
- o Centro-M EC inline duct fans can eliminate many ventilation problems.
- o They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- o The Centro-M EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- o The casing is made of steel with a special polymer coating.

### Motor

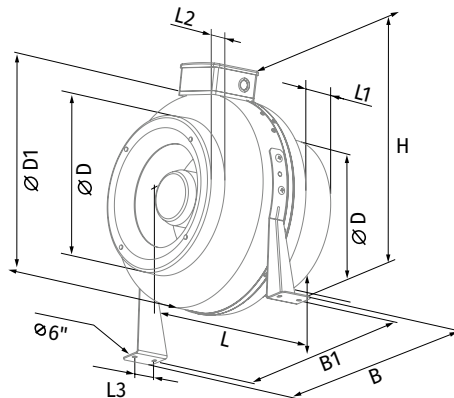
- o High-efficient direct current EC motor with external rotor and backward curved blades.
- o EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- o EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- o EC motors are featured with high performance, low noise level and well controllable total speed range.
- o Overheating protection by built-in thermal switches with automatic restart.
- o Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 100	4"	3 55/64"	10 3/64"	13 25/64"	12 13/64"	10 5/8"	7 63/64"	25/32"	63/64"	1 3/16"	7

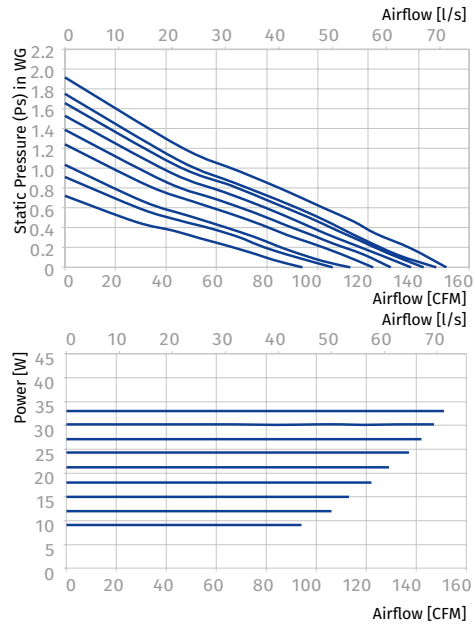


MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by:

**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG										Volts	
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		2.5"
Centro-M EC 100	4"	2760	6.91	33	0.51	-13...+140 (-25...+60)	151	141	135	130	120	110	90	70	49	29	-	120

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



# CENTRO-M EC 125

## Inline centrifugal fans with EC motor

### Description

- o Centro-M EC inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- o 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.
- o In-line configuration simplifies installation.
- o Centro-M EC inline duct fans can eliminate many ventilation problems.
- o They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- o The Centro-M EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- o The casing is made of steel with a special polymer coating.

### Motor

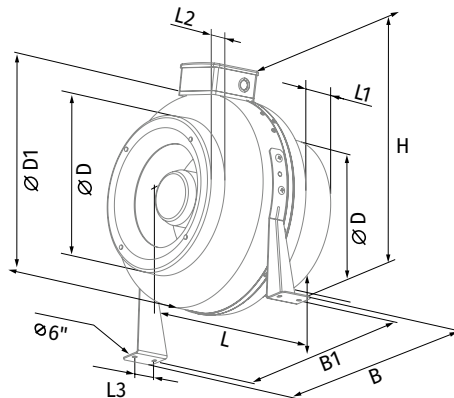
- o High-efficient direct current EC motor with external rotor and backward curved blades.
- o EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- o EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- o EC motors are featured with high performance, low noise level and well controllable total speed range.
- o Overheating protection by built-in thermal switches with automatic restart.
- o Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 125	5"	4 27/32"	10 3/64"	13 25/64"	12 13/64"	10 5/8"	7 63/64"	25/32"	63/64"	1 3/16"	6.8

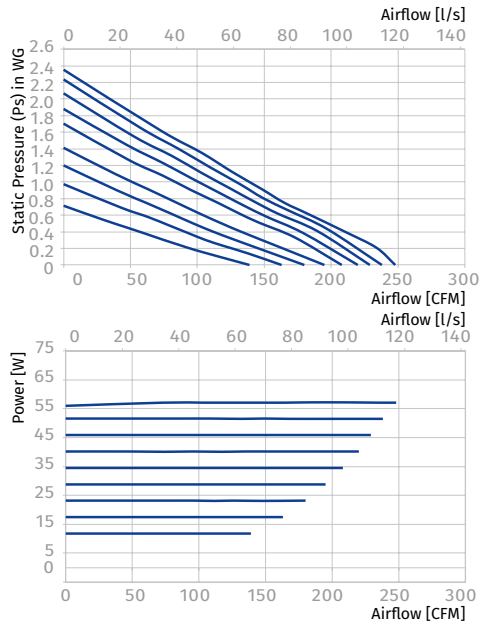


MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by:

**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG										Volts	
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		2.5"
Centro-M EC 125	5"	3396	6.80	57.1	0.84	-13...+140 (-25...+60)	248	239	231	225	211	198	170	143	115	88	-	120

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



# CENTRO-M EC 150

## Inline centrifugal fans with EC motor

### Description

- o Centro-M EC inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- o 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.
- o In-line configuration simplifies installation.
- o Centro-M EC inline duct fans can eliminate many ventilation problems.
- o They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- o The Centro-M EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- o The casing is made of steel with a special polymer coating.

### Motor

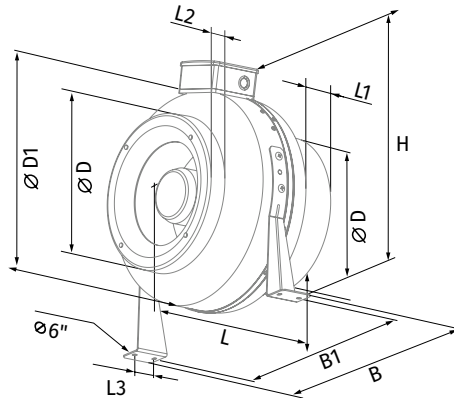
- o High-efficient direct current EC motor with external rotor and backward curved blades.
- o EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- o EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- o EC motors are featured with high performance, low noise level and well controllable total speed range.
- o Overheating protection by built-in thermal switches with automatic restart.
- o Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 150	6"	5 53/64"	12 1/64"	14 11/64"	14 11/64"	12 19/32"	7 7/8"	25/32"	63/64"	1 3/16"	8.2

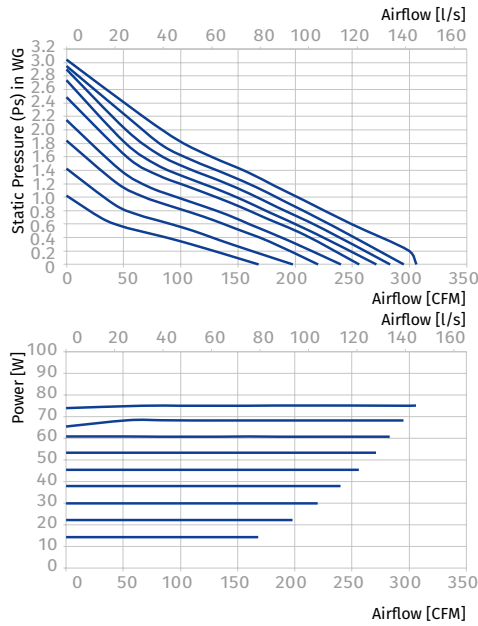


MODEL	QUANTITY	COMMENTS	PROJECT
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			submitted by:

**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG											Volts
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	2.5"	
Centro-M EC 150	6"	3336	6.60	75.1	1.08	-13...+140 (-25...+60)	306	299	291	285	272	258	231	204	176	149	40	120

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



# CENTRO-M EC 200

## Inline centrifugal fans with EC motor

### Description

- o Centro-M EC inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- o 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.
- o In-line configuration simplifies installation.
- o Centro-M EC inline duct fans can eliminate many ventilation problems.
- o They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- o The Centro-M EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- o The casing is made of steel with a special polymer coating.

### Motor

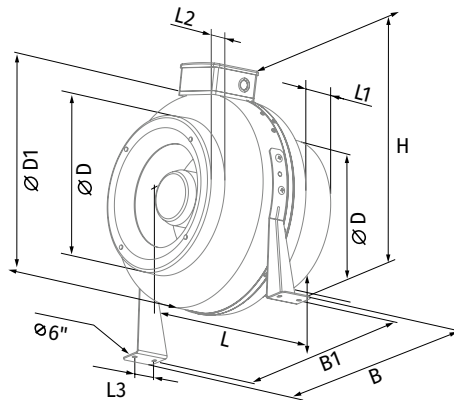
- o High-efficient direct current EC motor with external rotor and backward curved blades.
- o EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- o EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- o EC motors are featured with high performance, low noise level and well controllable total speed range.
- o Overheating protection by built-in thermal switches with automatic restart.
- o Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 200	8"	7 51/64"	13 37/64"	17 1/8"	15 35/64"	13 31/32"	9 41/64"	63/64"	1 3/16"	1 37/64"	11.2

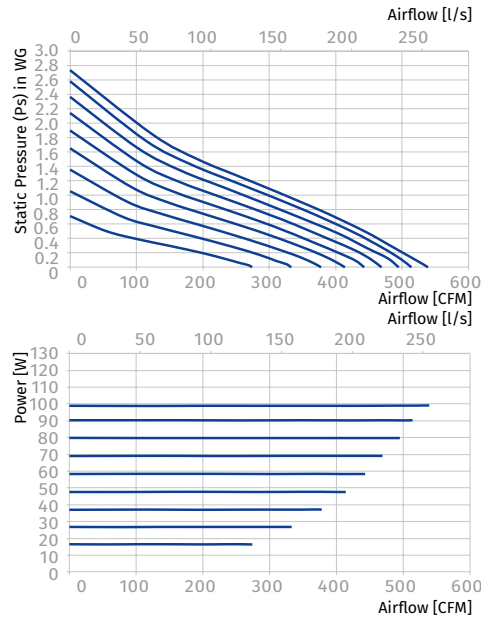


MODEL	QUANTITY	COMMENTS	PROJECT
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			contractor:
			submitted by:

**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG										Volts	
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		2.5"
Centro-M EC 200	8"	2820	7.60	99	1.45	-13...+140 (-25...+60)	539	510	494	484	458	432	380	328	277	225	18	120

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





# CENTRO-M EC 250

## Inline centrifugal fans with EC motor

### Description

- o Centro-M EC inline centrifugal duct fans are designed for residential and commercial ventilation applications.
- o 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.
- o In-line configuration simplifies installation.
- o Centro-M EC inline duct fans can eliminate many ventilation problems.
- o They are designed to boost airflow through long or complex duct runs and provide ideal solutions for residential and commercial applications.
- o The Centro-M EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- o The casing is made of steel with a special polymer coating.

### Motor

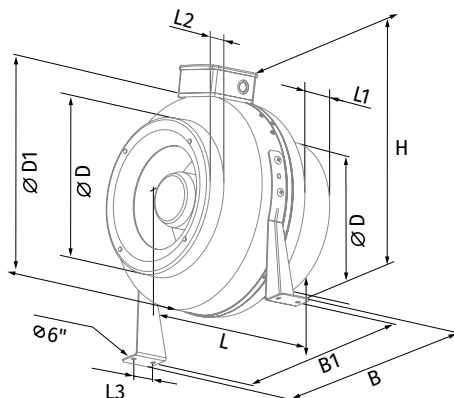
- o High-efficient direct current EC motor with external rotor and backward curved blades.
- o EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- o EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- o EC motors are featured with high performance, low noise level and well controllable total speed range.
- o Overheating protection by built-in thermal switches with automatic restart.
- o Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 250	10"	9 49/64"	13 37/64"	17 1/8"	15 35/64"	13 31/32"	9 27/32"	63/64"	1 3/16"	1 37/64"	12.8

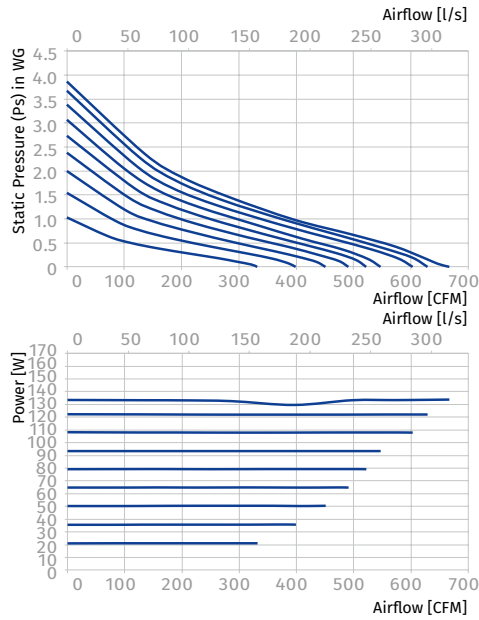


MODEL	QUANTITY	COMMENTS	PROJECT
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**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG										Volts	
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"		2.5"
Centro-M EC 250	10"	2628	8.20	133.6	1.89	-13...+140 (-25...+60)	667	600	586	577	553	530	484	438	392	346	161	120

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



# CENTRO-M EC 305

## Inline centrifugal fans with EC motor

### Description

- Centro-M EC 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 EC 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 EC series fans are specifically for simple installation and maintenance free operation.



### Casing

- The casing is made of steel with a special polymer coating.

### Motor

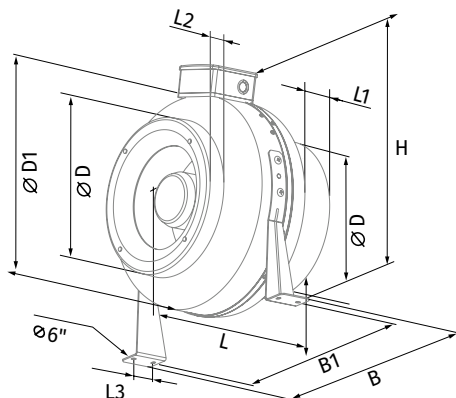
- High-efficient direct current EC motor with external rotor and backward curved blades.
- EC technologies meet the latest requirements to arrange high-efficient energy saving ventilation.
- EC motors have energy demand by 35 % less as compared to standard motors and have efficiency up to 90 %.
- EC motors are featured with high performance, low noise level and well controllable total speed range.
- Overheating protection by built-in thermal switches with automatic restart.
- Dynamically balanced turbine.

### Suitable for:

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

### Dimensions [in]

Model	Duct dia	Ø D	Ø D1	H	B	B1	L	L1	L2	L3	Weight [lb]
Centro-M EC 305	12"	11 59/64"	15 15/16"	18 5/16"	17 29/32"	16 11/32"	10 15/64"	13/16"	1 3/16"	1 37/64"	15.8



MODEL	QUANTITY	COMMENTS	PROJECT
			location:
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			submitted by:

**Technical data**

Model	Duct dia	RPM*	Sones	Watts*	Amps*	Air stream temp. [°F (°C)]	CFM vs. Static Pressure (Ps) in WG											Volts
							0"	0.125"	0.2"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	2.5"	
Centro-M EC 305	12"	2796	8.35	173.5	2.41	-13...+140 (-25...+60)	801	741	726	716	690	665	614	563	512	461	257	120

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

