EC Double Inlet Fans

Higher volume voltage controlled EC centrifugal fans

KEY FEATURES

- Ecodesign ErP 2015 compliant
- Large range of standard fans to suit many applications - ex-stock
- EC high efficiency motor
- Designed for low noise requirements
- Speed controllable 0-10V input
- Excellent pressure capability throughout the range
- Solution to space critical applications
- Tachometer output 0-10V
- Vertical and horizontal discharge mounting

EC Double Inlet Fans

A large range of high efficiency EC fans designed specifically for applications where low noise levels and/or space criticality are an issue. All models offer a good range of volume control via 0-10V input, due to the high efficiency EC motor. Exceeding minimum regulation efficiency requirements for EU 327/2011 - 2013 and 2015. These fans allow you to choose a high efficiency EC fan for your new application or replace a less efficient model in your existing application. See technical data table for replacement comparison.

OEM variants are available on request. Please apply to customer services for non-standard design (minimum order quantities will apply)

APPLICATIONS

- VAV boxes
- Waste recycling
- General ventilation
- Industrial warm air movement
- Telecommunications / phone transmitter cabins
- Environmental chambers
- Special effects for the film industry
- Swimming pool / tennis court domes
- Clean air flow across workstations

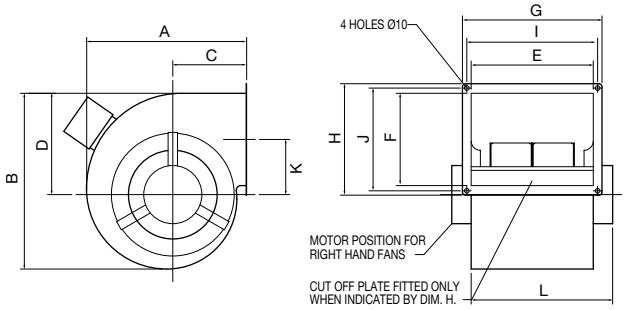
SPECIFICATIONS

These fans feature EC driven forward curved impellers constructed from mild steel with cases fabricated from mild steel. For ease of installation all units have fitted outlet flanges, and can be mounted vertically or horizontally. Supplied with connection to terminal box from electrical supply. Low maintenance achieved by 'sealed for life' type bearings allowing a typical bearing life L10 – 25,000 hours at ideal conditions. Impellers balanced to ISO DIN 1940 Grade 2.5. Test data in accordance with BS 848 Part1/ ISO 5801-2007.

TECHNICAL DATA

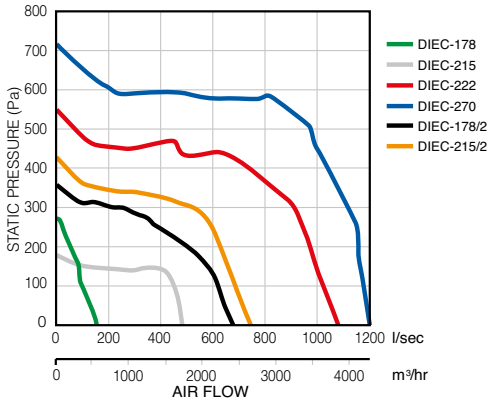
Fan Model	Supply voltage	Frequency	Control voltage	Speed at Max input watts	Max input watts	Noise level	Min static pressure	Max air flow	Weight	Max ambient temp	IP	ErP 2013/2015	Replaces Airflow Fan
	Volts	Hz	Volts	Rpm	Watts	DBA	Pascals	l/sec	Kg	ºC			
DIEC-178	230	50/60	0-10	1600	55	47	0	165	6.8	45	IP 24	✓	64E2SR 71E2TIXR
DIEC-215	230	50/60	0-10	1050	200	50	0	465	9	50	IP 20	✓	83F2WL/6
DIEC-222	230	50/60	0-10	1550	550	60	0	1020	14	40	IP 20	✓	90G2WL/6 90G2WL/4
DIEC-270	230	50/60	0-10	1550	1100	65	0	1200	22	40	IP 20	✓	102H2WL/6 102H2WL/4
DIEC-178/2	230	50/60	0-10	1550	550	57	0	668	7	40	IP 20	✓	76E2WL/4
DIEC-215/2	230	50/60	0-10	1550	550	65	0	750	7	40	IP 20	✓	83F2WL/4

DIMENSIONS



Fan Model	A	B	C	D	E	F	G	H	I	J	K	L
DIEC 178	277	302	138	176	204	103	250	164	232	146	83	265
DIEC 215	332	366	149	207	249	256	300	276	270	212	138	324
DIEC 222	364	392	167	219	284	255	347	286	319	257	142	357
DIEC 270	422	442	202	246	329	281	409	346	384	270	173	409
DIEC 178/2	309	322	147	182	228	217	296	265	272	241	132	320
DIEC 215/2	332	366	149	207	245	252	300	276	270	212	138	353

PERFORMANCE



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