

# AXS EC IN-LINE DUCT FANS

AXS EC In-Line Duct Fans are designed for residential, commercial and light industrial ventilation applications. The highly efficient backward-curved impeller can develop significant pressure. The in-line configuration simplifies installation.

## FEATURES & BENEFITS

- Efficient electronically commutated (EC) motorized impeller
- Energy efficient
- Corrosion resistant, durable steel housing with polymer coating
- 120V, 60 Hz operation; single phase
- Easy to install - mounting brackets included
- Suitable for air temperatures up to 105 F
- Optional pre-wired with 120V power cord
- Speed controllable 0-10 V
- External rotor motor design results in superior motor cooling and durability
- Rated for continuous operation
- Permanently lubricated ball bearing motor for maintenance-free operation
- Automatic reset thermal overload protection
- Fan and motor are precision balanced for quiet and vibration-free operation
- Available to fit duct sizes 4" -12"
- Airflow capacities to 801 cfm



MODEL	WATTS	RPM	AIRFLOW PERFORMANCE (CFM)										
			0" SP	0.125" SP	0.20" SP	0.25" SP	0.375" SP	0.50" SP	0.75" SP	1.00" SP	1.25" SP	1.50" SP	2.50" SP
AXS100-EC	33.0	2760	151	141	135	130	120	110	90	70	49	29	-
AXS125-EC	57.1	3396	248	239	231	225	211	198	170	143	115	88	-
AXS150-EC	75.1	3336	306	299	291	285	272	258	231	204	176	149	40
AXS200-EC	99.0	2820	539	510	494	484	458	432	380	328	277	225	18
AXS250-EC	133.6	2628	667	600	586	577	553	530	484	438	392	346	161
AXS300-EC	173.5	2796	801	741	726	716	690	665	614	563	512	461	257

WATTS ARE INDICATED AT 0.2" WG STATIC PRESSURE

MODEL	DIMENSIONS IN INCHES*										SHIP WT (LBS)
	DUCT DIA.	Ød	ØD	A	B	C	E	F	G	H	
AXS100-EC	4"	3.9	10.0	13.4	12.2	10.6	8.0	0.8	1.0	1.2	7.0
AXS125-EC	5"	4.8	10.0	13.4	12.2	10.6	8.0	0.8	1.0	1.2	6.8
AXS150-EC	6"	5.8	12.0	14.2	14.2	12.6	7.9	0.8	1.0	1.2	8.2
AXS200-EC	8"	7.8	13.6	17.1	15.6	14.0	9.6	1.0	1.2	1.6	11.2
AXS250-EC	10"	9.8	13.6	17.1	15.6	14.0	9.8	1.0	1.2	1.6	12.8
AXS300-EC	12"	11.9	15.9	18.3	17.9	16.3	10.2	1.2	1.2	1.6	15.8

\*DO NOT USE DRAWINGS FOR CONSTRUCTION  
CONSULT FACTORY FOR CERTIFIED PRINTS

