

# USD-EC SERIES

## Galvanized Direct Drive Utility Exhausters with EC Motors



### FEATURES

- Non-overloading backward inclined (BI) aluminum wheels
- Discharge position can be field rotated to any of 8 positions
- Counter clockwise rotation is standard
- Temperature Ratings - 300° F
- Vented motor cover for safety & weather protection included
- Heavy gauge powder coat blower housing
- Galvanized frames and motor cover
- EC motor offers true variable speed operation and up to 70% energy savings over PSC.



Canarm Ltd. certifies that the USD Series shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

### PERFORMANCE SPECIFICATIONS

MODEL	MAX HP	RPM	TYPICAL MAXIMUM PERFORMANCE @ SP																													
			0" SP					1/4" SP					1/2" SP					3/4" SP					1" SP					1 1/2" SP				
			CFM	BHP	FEI	FEP (kW)	SONES	CFM	BHP	FEI	FEP (kW)	SONES	CFM	BHP	FEI	FEP (kW)	SONES	CFM	BHP	FEI	FEP (kW)	SONES	CFM	BHP	FEI	FEP (kW)	SONES	CFM	BHP	FEI	FEP (kW)	SONES
USD120-EC	1/2	1680	1904	0.48	1.11	0.61	17.4	1791	0.49	1.27	0.62	16.7	1657	0.49	1.37	0.62	15.9	1492	0.49	1.44	0.62	15.0	1310	0.47	1.51	0.61	14.1	872	0.41	1.45	0.46	12.1
USD165-EC	1	1200	3625	0.66	1.11	0.61	23	3332	0.67	1.27	0.62	23.0	3005	0.69	1.37	0.62	22.0	2668	0.68	1.44	0.62	21.0	2317	0.66	1.51	0.61	19.3	1161	0.48	1.45	0.46	14.2

Performance certified is for installation type B: Free inlet, ducted outlet.

Power rating includes transmission losses.

Performance ratings do not include the effects of appurtenances.

The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5 ft) in a hemispherical free field calculated per ANSI/AMCA Standard 301. Values shown are for Installation Type B: free inlet hemispherical sone levels.

### DIMENSIONS

MODEL	DIMENSIONS (INCHES)										
	A	D	E	F	G	H	K	L	O	P	T
USD120-EC	33 13/64	13 3/32	9 7/8	21 13/16	20 11/64	27 23/32	16 7/32	20 9/16	12 7/16	14 3/4	--
USD165-EC	39 7/16	17 1/2	13 1/8	28	22	31 1/32	16 15/32	26 29/32	17 3/8	14 3/4	--

\* Dimensions subject to change.

