



# RD SERIES

**Sturdily constructed direct drive roof exhausters ideal for industrial and commercial applications.**

## FEATURES

- Heavy duty galvanized blades.
- Galvanized steel wind-band and rain-proof butterfly dampers that rotate easily on brass bushings.
- TEFC, ball bearing motor is in the air stream, within the building, maximum ambient temperature of 40°C (104°F).
- Not recommended for dirty or dust laden applications.

 **Roof Exhausters are non-stock items and are non-cancelable and non-refundable without prior authorization.**

## SPECIFICATIONS

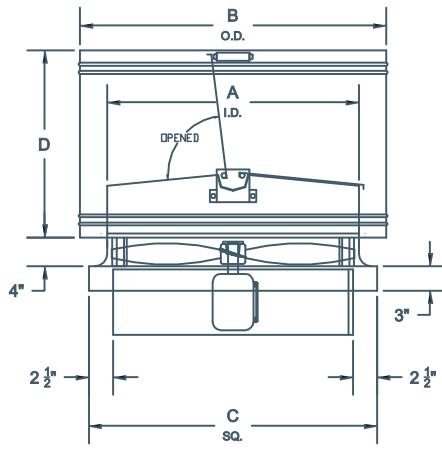
BLADE DIAMETER	MODEL	RPM	HP	0" S.P.				1/8" S.P.				1/4" S.P.				3/8" S.P.				Min. CFM	dBA @ 10Ft.
				CFM	BHP	FEI	FEP (kW)	CFM	BHP	FEI	FEP (kW)	CFM	BHP	FEI	FEP (kW)	CFM	BHP	FEI	FEP (kW)		
<b>SINGLE PHASE</b>																					
24"	RD24T10075C	1140	3/4	6549	0.74	-	-	6017	0.78	-	-	5527	0.83	-	-	-	-	-	-	4700	73
	RD24T10100B	1725	1	5843	0.71	0.99	0.65	5324	0.75	1.11	0.68	4854	0.80	1.17	0.72	4213	0.85	1.15	0.77	4700	84
30"	--	1140	1 1/2	11600	1.31	-	-	10925	1.40	-	-	10193	1.49	-	-	9127	1.59	-	-	7300	79
	RD30T10500B	1725	5	17552	4.53	-	-	17106	4.66	-	-	16661	4.80	-	-	16215	4.94	-	-	7300	90
<b>THREE PHASE</b>																					
24"	RD24T30075C*	1140	3/4	6549	0.74	-	-	6017	0.78	-	-	5527	0.83	-	-	4213	0.85	1.19	0.74	4700	73
	RD24T30100B*	1725	1	5843	0.71	1.02	0.63	5324	0.75	1.15	0.66	4854	0.80	1.21	0.70	4213	0.85	1.19	0.74	4700	84
30"	RD30T30150C*	1140	1 1/2	11600	1.31	-	-	10925	1.40	-	-	10193	1.49	-	-	9127	1.59	-	-	7300	79
	RD30T30500B*	1725	5	17552	4.53	-	-	17106	4.66	-	-	16661	4.80	-	-	16215	4.94	-	-	7300	90
36"	RD36T30200D*	860	2	13604	1.61	0.91	1.48	11909	1.66	1.01	1.53	10082	1.72	1.03	1.58	8991	1.90	0.99	1.74	10000	80
	RD36T30500C*	1140	5	18126	3.79	0.55	3.15	16925	3.87	0.66	3.21	15431	3.90	0.74	3.24	13982	3.94	0.79	3.27	10000	88
42"	RD42T30500C*	1140	5	21704	3.13	0.79	2.61	20742	3.28	0.94	2.73	19510	3.47	1.03	2.89	18192	3.69	1.07	3.07	14000	85
	RD42T30750C*	1140	7 1/2	32476	7.70	-	-	31490	7.70	-	-	30518	7.76	-	-	29586	8.02	-	-	14000	88
48"	RD48T30750D*	860	7 1/2	35654	5.93	-	-	33411	6.06	-	-	31857	6.34	-	-	30219	6.62	-	-	18000	89
	RD48T30750C*	1140	7 1/2	29216	4.62	0.72	3.79	28169	4.87	0.85	3.98	26784	5.16	0.95	4.22	25291	5.48	1.00	4.47	18000	92

For three phase motors, substitute "\*" with "M" for 230/460 volt (If 208V required please specify) or "P" for 575 volt. BHP does not include drive losses.

dBA ratings shown are measured at 0° static pressure and should be used as a guideline only.

## DIMENSIONS

MODEL #	A I.D.	B O.D.	C SQ.	D
RD24	25"	31 1/2"	29 1/2"	19"
RD30	31"	37 1/2"	35 1/2"	22"
RD36	37"	43 1/2"	41 1/2"	25"
RD42	43"	49 1/2"	47 1/2"	27"
RD48	49"	55 1/2"	53 1/2"	30"



## ACCESSORIES

### RC ROOF CURB

- For Canarm Roof Exhaust fans.
- Sturdy powder coated, 16 gauge steel.
- 3" flanges
- 1" SM insulation
- Damper shelf

FAN SIZE	MODEL
18"	RC18
24"	RC24
30"	RC30
36"	RC36
42"	RC42
48"	RC48
54"	RC54
60"	RC60



### DISCONNECT SWITCHES

- Wire disconnect switches are available.  
See Controls & Thermostats section for details.