

# UTB SERIES

## Belt Drive Utility Blowers



UTB SERIES

### FEATURES - UTB SERIES

- 13", 16", 20" and 24" sizes.
- Full AMCA Class 1 Operation.
- Non-overloading backward inclined (BI) welded wheels.
- Aluminum wheel - (AMCA type B classification for spark resistant construction) - available as an option.
- Discharge position can be field rotated to any of 8 discharge positions.
- Counter clock wise rotation is standard. Clock wise available.
- Outlet flanges on UTB24RM.
- Temperature Ratings - without a heat slinger 250° F with a heat slinger, steel wheel 400° F, aluminum wheel 300° F.
- Motor access from 3 sides.
- Sloped motor base for ease of motor installation.
- Vented motor and drive compartment cover, with handles, for safety and weather protection.
- 16 gauge or heavier blower housing.
- Heavy duty pillow block ball bearings.
- UL 762 Listed for removal of cooking vapours.
- Meets NFPA 96 guidelines.
- Upblast discharge directs exhaust away from roof.
- Integral handles for single person removal of motor and drive compartment cover.
- Continuously welded 16 gauge or heavier blower housing.
- Bolted clean out door.
- 2" drain for easy removal of cleaning solutions.
- Vinyl shaft seal.



Canarm certifies that the BI-RM Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Programme.



**MOTOR AND DRIVE COMPARTMENT WITH COVER REMOVED TO ILLUSTRATE 3 SIDE MOTOR ACCESS AND SLOPED MOTOR BASE FOR BELT TENSIONING.**

### PERFORMANCE SPECIFICATIONS

TYPICAL MAXIMUM CFM @ SP						
MODEL	1" SP	2" SP	3" SP	4" SP	5" SP	HP
UTB13RM	3900	3625	3400	2975	2450	1
UTB16RM	5700	5350	4900	4300	3500	3
UTB20RM	8400	7775	7050	6200	4650	2
UTB24RM	11100	10100	8800	6600	-	3

Power rating (BHP) does not include transmission losses. Performance certified is for installation type B: Free inlet, Ducted outlet. Performance ratings do not include the effect of appurtenances (accessories). CFM values listed above are summarized for convenience.

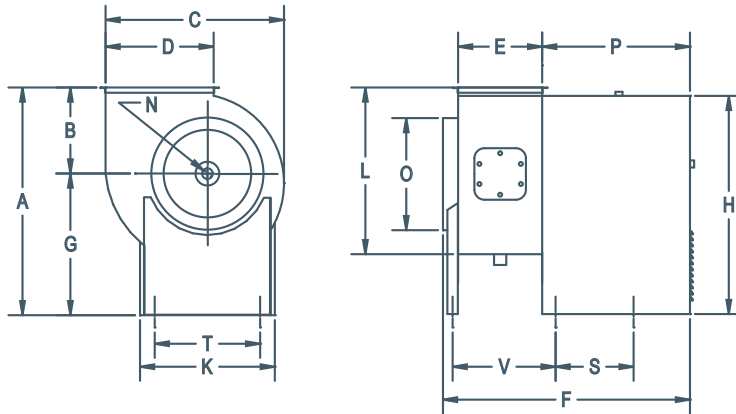
### ACCESSORIES

- V-Cap
- Bolted Clean Out Door
- Heat Slinger
- Vibration Isolators
- Shaft Seal
- Corrosion Resistant Coating
- Aluminum Wheel
- Back Draft Dampers
- Inlet & Outlet Screens
- 2" Drain Fitting

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## DIMENSIONS



MODELS UTB13RM, UTB16RM, UTBR20RM & UTB24RM  
(UL762 LISTED FOR REMOVAL OF COOKING VAPOURS)

MODEL	A (STANDARD MODELS)	A (BI-RM MODELS)	B	C	OUTLET		F	G	H	K (CABINET WIDTH)	L	SHAFT DIA.		INLET		T	V	UNIT WEIGHT (LBS) <small>(without motors &amp; drives)</small>
					D	E						N	O	P	S			
UTB13RM	34 1/2"	30 15/16"	10 3/4"	24 1/2"	14 3/8"	10 3/4"	34 1/4"	20 3/16"	29 1/8"	16 3/4"	22 7/16"	1"	14 3/8"	21 1/4"	11 1/2"	14 3/4"	14"	134
UTB16RM	39 7/16"	34 11/16"	12 11/16"	29 15/16"	17 1/2"	13 1/8"	36 5/8"	22"	30 15/16"	16 3/4"	26 15/16"	1 3/16"	17 3/8"	21 1/4"	11 1/2"	14 3/4"	16 1/2"	162
UTB20RM	49 3/16"	42 15/16"	14 15/16"	36 7/16"	21 3/16"	15 3/4"	46 3/8"	28"	40 15/16"	25 1/8"	32 3/16"	1 3/16"	21 1/4"	27 5/8"	14 9/16"	22 3/4"	19 3/4"	289
UTB24RM	58 3/16"	49 15/16"	17 15/16"	44 11/16"	26 1/8"	19 3/8"	51 5/16"	32 1/8"	46 11/16"	28 15/16"	39 1/8"	1 7/16"	26"	28 15/16"	18 5/16"	26 3/8"	23 3/8"	385

# UL762 LISTED PRODUCTS AND REQUIREMENTS

(Kitchen Exhaust)

## REQUIREMENTS

### WHAT IS UL762?

Power ventilators for kitchen and restaurant exhaust appliances covered by these requirements are intended for installation in accordance with the Standard of the National Fire Protection Association for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment, NFPA 96.

REQUIREMENT	UTB	
	STANDARD	ACCESSORY
Designed for removal of smoke and/or grease laden air	●	
Air temperatures up to 300°F	●	
Access for cleanout	●	
Grease drain	●	
Grease collection box		●
Minimum 500 FPM airflow in duct**	●	
Vented roof curb extending discharge minimum 40" above roofline		N/A*
Curb hinge		N/A

Units must be mounted to extend outlet minimum 40" above roofline  
\*\* based on standard NAKS configurations with Motors and Drives