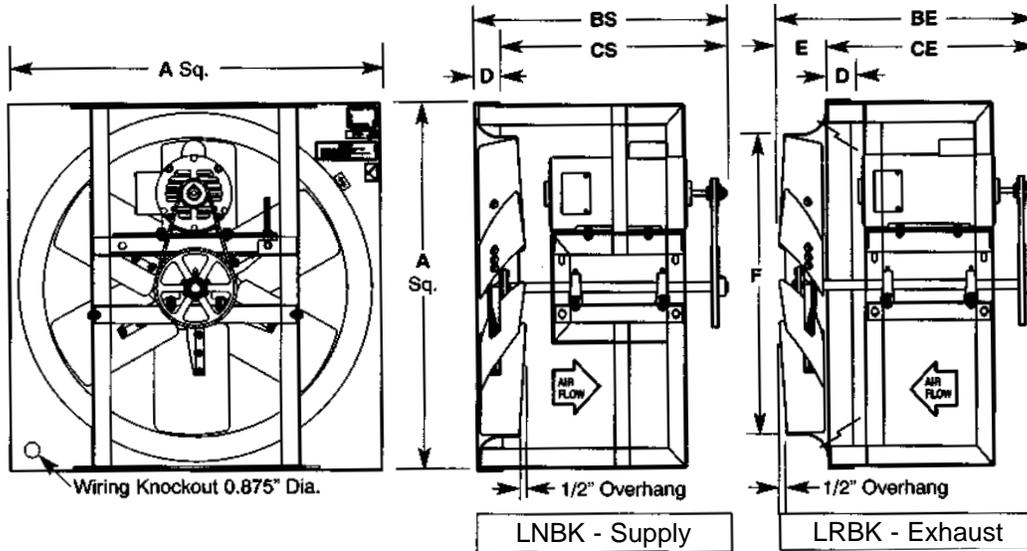


Imperial [IP] Dimensions
Metric [SI] on Reverse

CARNES COMPANY 448 S. Main St., P. O. Box 930040, Verona, WI 53593-0040 Phone: (608)845-6411 Fax: (608)845-6504 www.carnes.com



DIMENSIONS LISTED IN INCHES

MATERIAL GAUGES

Fan Size	A Panel Sq.	BE	BS	CE	CS	D	E	F Dia.	Wgt. (Lbs) Less Mtr.	Panel Venturi	Bearing Mount	Motor Plate	Drive Frame Angle	Shaft Dia. (In.)	Approx. Max. Mtr. Frame
24	30	22	22	18-1/2	19-7/8	2-1/8	3-1/2	24-1/2	100	16	10	10	10	1.00	184T
30	36	22	22	17-1/2	19-7/8	2-1/8	4-1/4	30-1/2	112	16	10	10	10	1.00	184T
36	42	22	22	17-1/2	19-7/8	2-1/8	4-1/4	36-1/2	126	16	10	10	10	1.00	215T
42	48	26	26	21-1/2	23-7/8	2-1/8	4-3/4	42-1/2	136	16	10	10	10	1.00	254T
48	54	29	29	24-1/2	26-7/8	2-1/8	4-3/4	48-1/2	161	16	10	10	10	1.1875	254T
54	60	32	32	27	29-1/4	2-3/4	5	55-1/2	225	14	10	10	10	1.1875	254T
60	66	34	34	28	31-1/4	2-3/4	5-1/2	61-3/4	270	12	10	10	10	1.4375	254T

STANDARD SPECIFICATIONS AND CONSTRUCTION

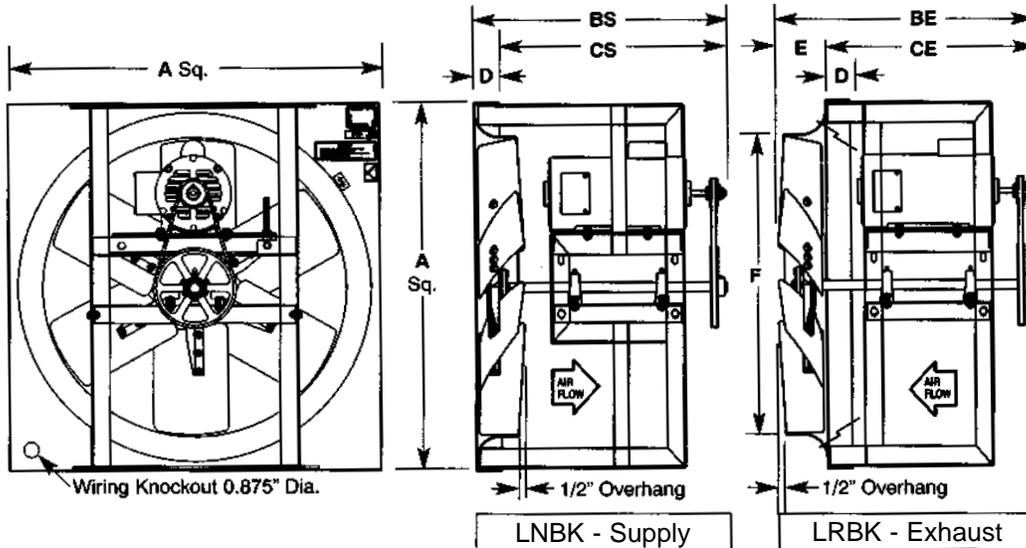
- Propeller:** Hub and blades are cast aluminum with airfoil shaped blades.
- Panel:** Single piece galvanized steel fan panel/venturi with welded corners, pre-punched mounting holes, and electrical wiring knockout.
- Drive Frame:** A welded and bolted structural steel angle frame is electrostatically coated with enamel paint then baked to provide a durable general service finish.
- Finish:** Mill
- Fan Shaft:** Precision turned, ground and polished steel with corrosion inhibiting coating - keyed to the propeller hub and the drive pulley.
- Bearings:** Cast iron self aligning pillow block ball bearings with lube fittings. Minimum average life 200,000 hours (L50 = 200K).
- Motor Plate:** The motor mounting plate is heavy gauge steel with dual "J" bolt adjustments to ensure consistent and proper belt tension. Baked electrocoat enamel is applied after assembly.
- Drives:** Cast iron construction sized for min. 150% installed motor HP. Keyed to fan shaft and motor shaft. Motor sheave is adjustable.
- Belts:** Oil resistant and static free are sized for minimum 25,000 hours average life.
- AMCA Licensed:** Certified Ratings Seal for both sound and air performance.
- Factory Run Test:** For quality assurance and reliability. Factory pre-set fan RPM.

FAN LOCATION	QTY	MODEL/SIZE	CFM	SP	FAN RPM	SONE	MOTOR			ACCESSORIES
							HP	ELECTRICAL	TYPE	

- ACCESSORIES AND OPTIONS:**
- Wall Box
 - Hinged OSHA Guard
 - Wall Collar
 - Basket Wire Guard
 - UL 705/CUL Listed
 - Aluminum Propeller Blades
 - Gravity Shutter
 - Motorized Shutter (115/230V POSC)
 - Center Pivot Motorized Damper
 - Damper Guard
 - Mounting Angle Set (4)
 - Insulated Motorized Louver
 - Rain Hood with Birdscreen
 - Special Finish _____
 - Other _____

**Metric (SI) Dimensions
Imperial [IP] on Reverse**

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DIMENSIONS LISTED IN INCHES

MATERIAL GAUGES

Fan Size	A Panel Sq.	BE	BS	CE	CS	D	E	F Dia.	Wgt. (Kg.) Less Mtr.	Panel Venturi	Bearing Mount	Motor Plate	Drive Frame Angle	Shaft Dia. (Mm.)	Approx. Max. Mtr. Frame
24	762	559	559	470	505	54.0	89	622	46	407	254	254	254	25.4	184T
30	915	559	559	445	505	54.0	108	775	51	407	254	254	254	25.4	184T
36	1067	559	559	445	505	54.0	108	927	57	407	254	254	254	25.4	215T
42	1220	661	661	540	606	54.0	121	1080	62	407	254	254	254	25.4	254T
48	1372	737	737	616	683	54.0	121	1232	73	407	254	254	254	30.2	254T
54	1524	813	813	686	743	70	127	1410	102	356	254	254	254	30.2	254T
60	1677	864	864	711	794	70	140	1569	122	305	254	254	254	37	254T

STANDARD SPECIFICATIONS AND CONSTRUCTION

- Propeller:** Hub and blades are cast aluminum with airfoil shaped blades.
- Panel:** Single piece galvanized steel fan panel/venturi with welded corners, pre-punched mounting holes, and electrical wiring knockout.
- Drive Frame:** A welded and bolted structural steel angle frame is electrostatically coated with enamel paint then baked to provide a durable general service finish.
- Finish:** Mill
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FAN LOCATION	QTY	MODEL/SIZE	CFM	SP	FAN RPM	SONE	MOTOR		ACCESSORIES
							HP	ELECTRICAL	

- ACCESSORIES AND OPTIONS:**
- | | | |
|---|---|---|
| <input type="checkbox"/> Wall Box
<input type="checkbox"/> Hinged OSHA Guard
<input type="checkbox"/> Wall Collar
<input type="checkbox"/> Basket Wire Guard | <input type="checkbox"/> UL 705/CUL Listed
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<input type="checkbox"/> Gravity Shutter
<input type="checkbox"/> Motorized Shutter (115/230V POSC)
<input type="checkbox"/> Center Pivot Motorized Damper
<input type="checkbox"/> Damper Guard | <input type="checkbox"/> Mounting Angle Set (4)
<input type="checkbox"/> Insulated Motorized Louver
<input type="checkbox"/> Rain Hood with Birdscreen
<input type="checkbox"/> Special Finish _____
<input type="checkbox"/> Other _____ |
|---|---|---|