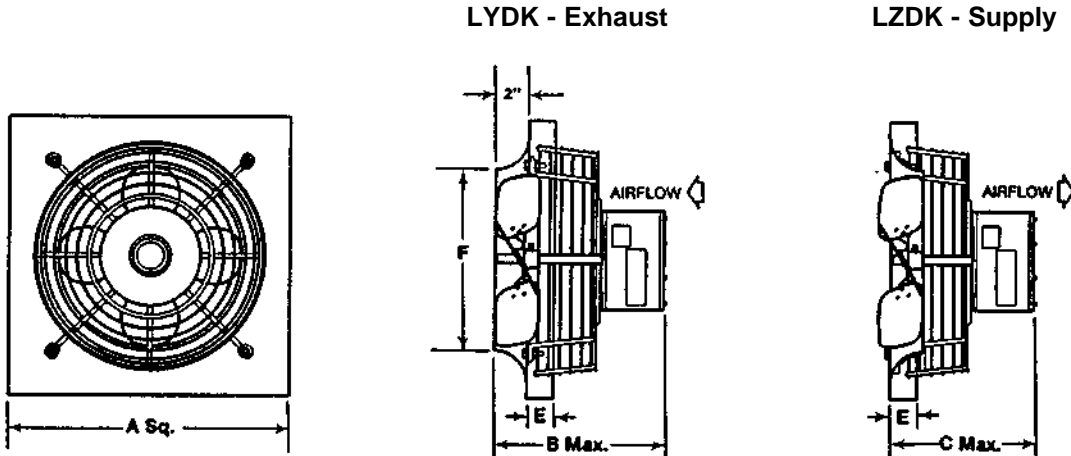


IP [English] Dimensions
SI (Metric) on Reverse Side

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)

Fan Size	A SQ.	B	C	E	F	Weight (LBS.)	Material Thickness		
							Panel/Venturi	Wire Guard	MotorSupport
9-10	16	11	10	1-1/2	10-1/4	20	16 ga.	12 ga.	1/4 in.
11-12	16	11	10	1-1/2	12-1/4	20	16 ga.	12 ga.	1/4 in.
13	20	12	11	1-1/2	14-1/4	25	16 ga.	12 ga.	1/4 in.
15-16	20	13	12	1-1/2	16-1/4	30	16 ga.	12 ga.	1/4 in.
17-18	24	13	12	1-1/2	18-1/4	35	16 ga.	12 ga.	1/4 in.
19-21	24	13	12	1-1/2	20-1/4	40	16 ga.	12 ga.	1/4 in.

STANDARD SPECIFICATIONS AND CONSTRUCTION

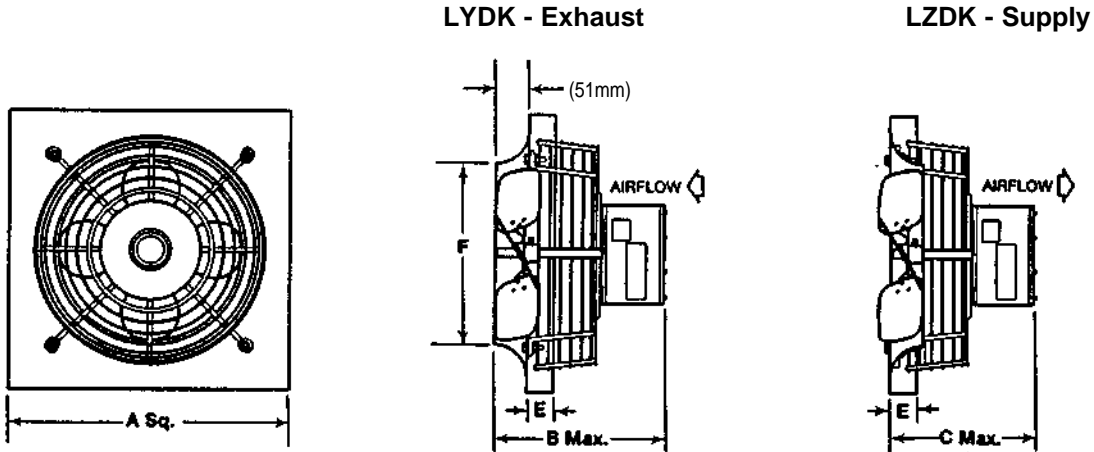
- DIRECT DRIVE WITH INTEGRAL MOTORSIDE GUARD - MEETS OSHA REQUIREMENTS.
- ONE PIECE FAN PANEL/VENTURI WITH PREPUNCHED MOUNTING HOLES.
- PANEL MATERIAL - GALVANEALD STEEL WITH ELECTROCOAT BAKED ENAMEL (GREY).
- OSHA MOTORSIDE GUARD - WELDED STEEL WIRE, FINISH TO MATCH PANEL.
- MOTORS - 115/1/60 ODP SPEED CONTROLABLE - PERMANENT SPLIT CAPACITOR.
- NEOPRENE VIBRATION MOUNTS BETWEEN MOTOR MOUNTS AND FAN PANEL.
- PROPELLER STATICALLY AND DYNAMICALLY BALANCED.
- ALUMINUM 3 OR 4 BLADE PROPELLER WITH STEEL HUB AND SET SCREWS.
- MOTORS FACTORY WIRED TO CONDUIT/WIRING BOX.
- PANEL FLANGES TURNED TO THE MOTORSIDE (BOTH EXHAUST & SUPPLY) FOR EASY MOUNTING
- CONDUIT KNOCKOUT IN FAN PANEL FOR FIELD WIRING MOTORIZED DAMPER.
- FACTORY RUN-TEST FOR DEPENDABLE OPERATION.

FAN NO. LOCATION	QTY	MODEL/SIZE	CFM	SP	FAN RPM	SONE	MOTOR 115/1/60 ODP PSC			ACCESSORIES
							HP	NOM. RPM	FLA.	

NOTES:

SI (Metric) Dimensions
IP [English] on Reverse Side

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DIMENSIONS (Listed In Millimeters)

Fan Size	A SQ.	B	C	E	F	Weight (kgs.)	Material Thickness		
							Panel/Venturi	Wire Guard	MotorSupport
9-10	406	279	254	38	260	9.1	16 ga.	12 ga.	6.4mm
11-12	406	279	254	38	311	9.1	16 ga.	12 ga.	6.4mm
13	508	305	279	38	362	11.3	16 ga.	12 ga.	6.4mm
15-16	508	330	305	38	413	13.6	16 ga.	12 ga.	6.4mm
17-18	610	330	305	38	464	15.9	16 ga.	12 ga.	6.4mm
19-21	610	330	305	38	514	18.2	16 ga.	12 ga.	6.4mm

STANDARD SPECIFICATIONS AND CONSTRUCTION

- DIRECT DRIVE WITH INTEGRAL MOTOR SIDE GUARD - MEETS OSHA REQUIREMENTS.
- ONE PIECE FAN PANEL/VENTURI WITH PREPUNCHED MOUNTING HOLES.
- PANEL MATERIAL - GALVANEAL STEEL WITH ELECTROCOAT BAKED ENAMEL (GREY).
- OSHA MOTOR SIDE GUARD - WELDED STEEL WIRE, FINISH TO MATCH PANEL.
- MOTORS - 115/1/60 ODP SPEED CONTROLABLE - PERMANENT SPLIT CAPACITOR.
- NEOPRENE VIBRATION MOUNTS BETWEEN MOTOR MOUNTS AND FAN PANEL.
- PROPELLER STATICALLY AND DYNAMICALLY BALANCED.
- ALUMINUM 3 OR 4 BLADE PROPELLER WITH STEEL HUB AND SET SCREWS.
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FAN NO. LOCATION	QTY	MODEL/SIZE	CFM	SP	FAN RPM	SONE	MOTOR 115/1/60 ODP PSC			ACCESSORIES
							HP	NOM. RPM	FLA.	

NOTES: