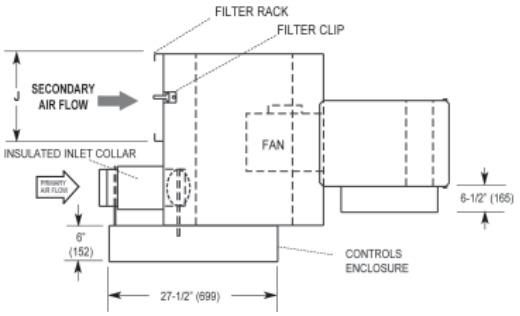
SUBMITTAL SHEET
MODEL ACEJ
J-SERIES FAN TERMINAL UNITS
PSC FAN SIZES B - G

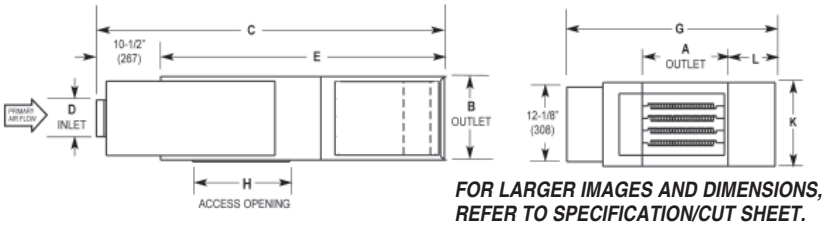
Imperial [IP] Dimensions
Metric (SI) in Parentheses

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



FAN SIZES B - G

RIGHT HAND PRIMARY AIR UNIT SHOWN. LEFT HAND AVAILABLE.



FOR LARGER IMAGES AND DIMENSIONS, REFER TO SPECIFICATION/CUT SHEET.

STANDARD FEATURES:

- Right Hand Controls Arrangement
- 22 Gauge Galvanized Steel
- AHRI Certified
- Patented Tri-Averaging Inlet Sensor
- Insulated Inlet Collar
- Calibration Chart Located On Inlet
- Slip & Drive Discharge Connection
- 3/8" Damper Shaft With Position Indicator Rotating In Bronze Bearings
- Valaro Type "A" Gasketed Damper Blade
- Made In America
- Bottom Access Panel
- Contactor & Capacitor
- 1" Filter Rack
- ETL Listed
- NEMA Controls Enclosure
- Door Interlocking Disconnect Switch (On Heater)
- 24 Volt Transformer
- SCR Speed Dial
- PSC Motor (Volt/Phase)_____

OPTIONS:

Insulation

- ☐ 1" Matte Faced
- ☐ 1" Foil Faced
- ☐ 1/2" Closed Cell Foam
- ☐ Dual Wall With Solid Liner
- ☐ Dual Wall With Perforated Liner

Controls

- ☐ NEMA Controls Enclosure Only (Controls By Others)
- ☐ Controls Supplied By Others, Mounted By Factory
- ☐ Factory Supplied Analog Controls With Wall T'Stat
- ☐ Left Hand Controls
- ☐ Special Construction _____

Miscellaneous

- ☐ 1" Disposable Plenum Filter
- ☐ 1" Reusable Plenum Filter
- ☐ Non-Fused Disconnect Switch (On Fan Box)
- ☐ Fused Disconnect Switch (On Fan Box)
- ☐ Factory Mounted Secondary Inlet Attenuator
- ☐ ETL Labeled

Heater

- ☐ Factory Mounted-Staged/Stepped
- ☐ Factory Mounted-SCR
- ☐ Circuit Fusing
- ☐ Exceptions_____

DIMENSIONS LISTED IN INCHES (Millimeters)

Fan Size	Inlet Size	Primary CFM (L/s)	Sec. CFM @ .25" E.S.P. (L/s)	Fan H.P.	Outlet A	Outlet B	C	Inlet D	E	G	H	J	K	L
B	05	350 (165)	550 (260)	1/6	14 (356)	15 (381)	65 (1651)	4-7/8 (124)	61-5/8 (1565)	30 (762)	19-5/8 (498)	13-3/4 (349)	15 (381)	8 (203)
B	06	500 (236)	550 (260)	1/6				5-7/8 (149)						
C	07	700 (330)	750 (354)	1/6				6-7/8 (175)						
D	08	1000 (472)	1275 (602)	1/4				7-7/8 (200)		35-3/4 (908)	20 (508)	15-3/4 (400)	17-1/2 (445)	7-5/8 (194)
E	10	1500 (708)	1780 (840)	1/2	16 (406)	17-1/2 (445)	67 (1702)	9-7/8 (251)	54-3/4 (1391)	41-3/4 (1048)	22 (559)	22-3/4 (578)		9-7/8 (251)
F	12	2300 (1086)	2430 (1147)	3/4				11-7/8 (302)	54-1/2 (1384)		21-3/4 (552)	19-3/4 (502)		
G	14	3100 (1463)	3100 (1463)	1	24 (610)		75 (1905)	13-7/8 (352)	62-5/8 (1591)	45-13/16 (1164)	27-3/4 (705)	17-3/4 (451)	20 (508)	10-7/8 (276)
G	16	4200 (1982)						15-7/8 (403)						

Note: Outlet is designed for slip and drive duct connection.

Job Name _____ Contractor _____

Architect_____ Submitted By _____

Engineer _____ Tag/Mark _____

COPYRIGHT © 2018 CARNES COMPANY
ALL RIGHTS RESERVED

SUBMITTAL SHEET
MODEL ACEJ
J-SERIES FAN TERMINAL UNITS
PSC FAN SIZE J

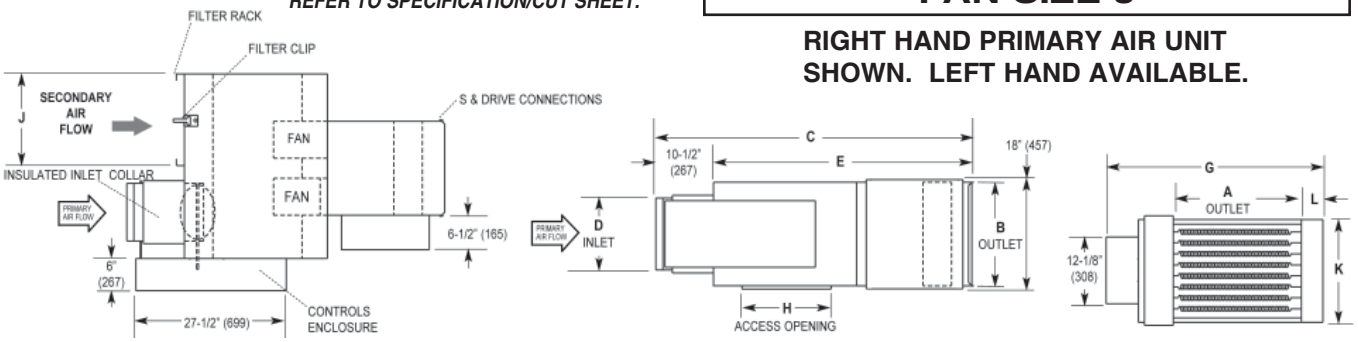
Imperial [IP] Dimensions
Metric (SI) in Parentheses

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

FOR LARGER IMAGES AND DIMENSIONS, REFER TO SPECIFICATION/CUT SHEET.

FAN SIZE J

RIGHT HAND PRIMARY AIR UNIT SHOWN. LEFT HAND AVAILABLE.



STANDARD FEATURES:

- Right Hand Controls Arrangement
- 22 Gauge Galvanized Steel
- AHRI Certified
- Patented Tri-Averaging Inlet Sensor
- Insulated Inlet Collar
- Calibration Chart Located On Inlet
- Slip & Drive Discharge Connection
- 3/8" Damper Shaft With Position Indicator Rotating In Bronze Bearings
- Valaro Type "A" Gasketed Damper Blade
- Made In America
- Bottom Access Panel
- Contactor & Capacitor
- 1" Filter Rack
- ETL Listed
- NEMA Controls Enclosure
- Door Interlocking Disconnect Switch (On Heater)
- 24 Volt Transformer
- SCR Speed Dial
- PSC Motor (Volt/Phase)_____

OPTIONS:

Insulation

- ☐ 1" Matte Faced
- ☐ 1" Foil Faced
- ☐ 1/2" Closed Cell Foam
- ☐ Dual Wall With Solid Liner
- ☐ Dual Wall With Perforated Liner

Controls

- ☐ NEMA Controls Enclosure Only (Controls By Others)
- ☐ Controls Supplied By Others, Mounted By Factory
- ☐ Factory Supplied Analog Controls With Wall T'Stat
- ☐ Left Hand Controls
- ☐ Special Construction _____

Miscellaneous

- ☐ 1" Disposable Plenum Filter
- ☐ 1" Reusable Plenum Filter
- ☐ Non-Fused Disconnect Switch (On Fan Box)
- ☐ Fused Disconnect Switch (On Fan Box)
- ☐ Factory Mounted Secondary Inlet Attenuator
- ☐ ETL Labeled

Heater

- ☐ Factory Mounted-Staged/Stepped
- ☐ Factory Mounted-SCR
- ☐ Circuit Fusing
- ☐ Exceptions_____

DIMENSIONS LISTED IN INCHES (Millimeters)

Fan Size	Inlet Size	Primary CFM (L/s)	Sec. CFM @ .25" E.S.P. (L/s)	Fan H.P.	Outlet A	Outlet B	C	Inlet D	E	G	H	J	K	L
J	16	4200 (1982)	4130 (1949)	3/4 (2)	42 (1067)	18-1/4 (463)	65-3/4 (1670)	15-7/8 (403)	53-1/4 (1353)	56 (1422)	17-3/4 (451)	27-7/8 (708)	18-1/4 (463)	4 (102)

Note: Outlet is designed for slip and drive duct connection.

Job Name _____ Contractor _____

Architect_____ Submitted By _____

Engineer _____ Tag/Mark _____

COPYRIGHT © 2018 CARNES COMPANY
ALL RIGHTS RESERVED