



S&P USA

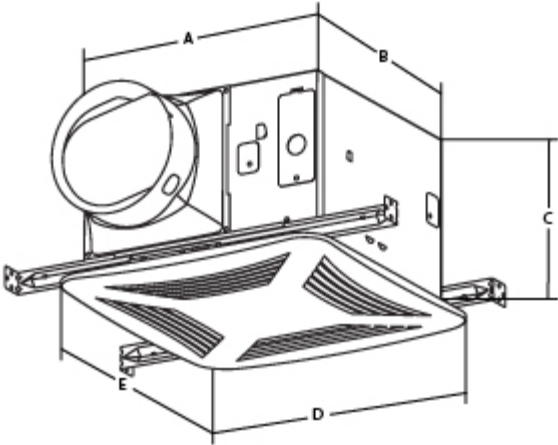
Qty:	1
Tag:	EF-B
Project:	RFQ HILTON

PC110XP - 0.3 Sones

AC Motor Standard Models: Premium CHOICE Series

STANDARD FEATURES:
Robust steel housing • Forward curved centrifugal wheel • Attractive and sturdy grille • cETLus listed • AMCA Air & Sound licensed (except PC50X) • ENERGY STAR qualified • HVI certified • Thermally protected motor • PC50X includes 4" duct connector with built-in backdraft damper • PC80X(P) & PC110X(P) includes 4" and 6" duct connector with built-in backdraft damper • PC150(XP) includes 6" duct connector with built-in backdraft damper • 5 Year Warranty •

AMCA
CERTIFIED
RATINGS
FOUR
AND
AIR
PERFORMANCE
AIR
MOVEMENT
AND
CONTROL
ASSOCIATION
INTERNATIONAL, INC.



Performance

Flow (CFM)	SP (in W.G.)	Nominal RPM	Max (HP)	Max Amps
100	.25	930	.04	0.35

Altitude (Feet): 0 Temperature (Fahrenheit): 70 Density (Lb/Ft3): .075

Motor Information:
Volts/PH/Hz
115V/1PH/60HZ

Submittal Notes:

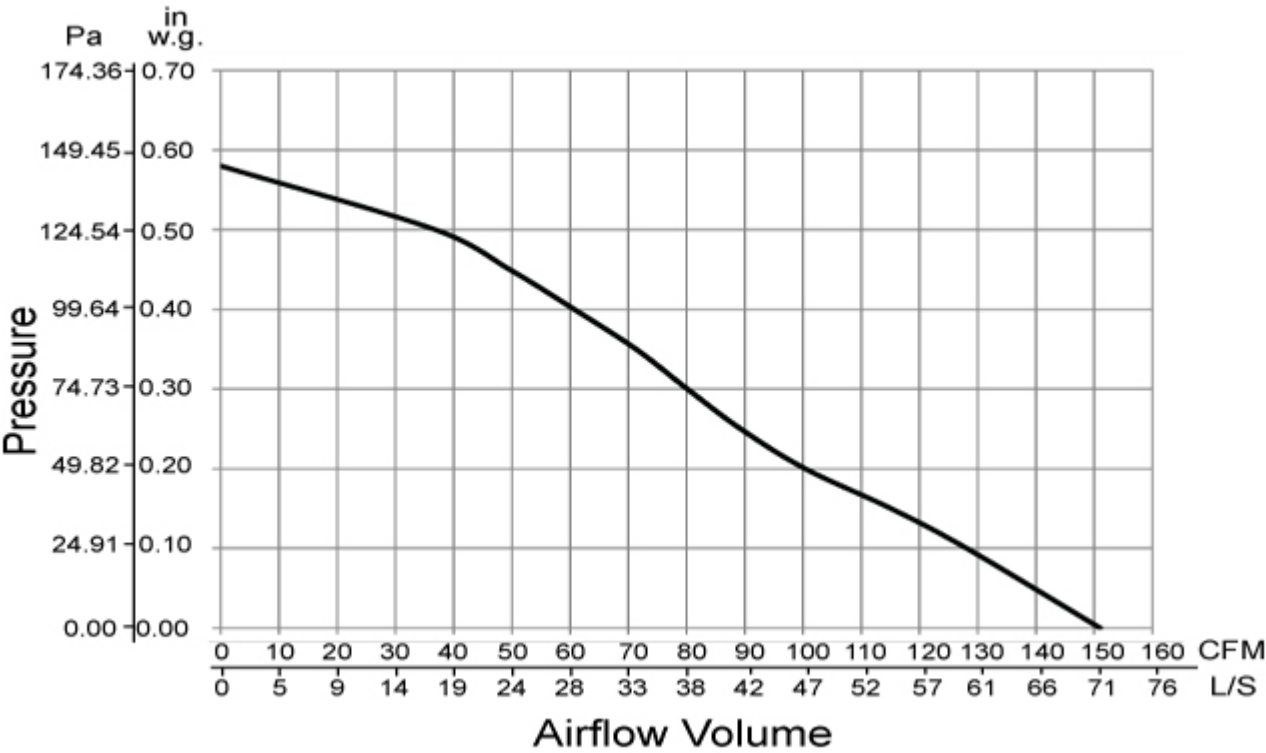
VENDING ICE MACHINES 3RD FLOOR

Dimensions (Inches)					
A	11.375	B	10.5	C	7.75
D	14	E	13		
F		G		H	
I		J			
K		L		M	
N		O			
P		Q		R	
S		T			
U		V		W	
X		Y			

Note: Accessories may effect dimensions shown.

Avg. Shipping Weight (Lbs)*: 10
*Includes fan, motor, and packaging.

Accessories:
PCRD - PC/PCXP/PCD/PCDXP SERIES RADIATION DAMPER
• PCSCP - PCXP SPEED CONTROL (NOT COMPATIBLE WITH PCMHKP OR PCLMHKP) •





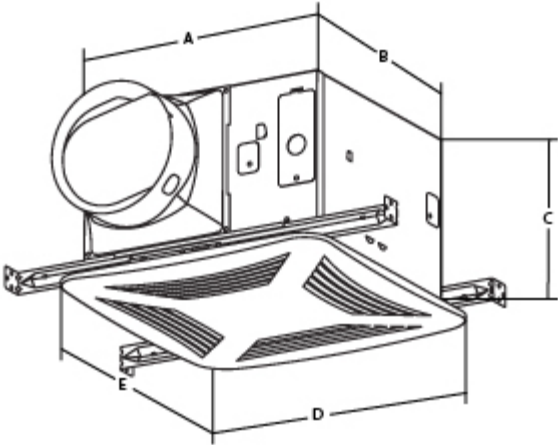
S&P USA

Qty:	2
Tag:	EF-A
Project:	RFQ HILTON

PC110XP - 0.3 Sones

AC Motor Standard Models: Premium CHOICE Series

STANDARD FEATURES:
Robust steel housing • Forward curved centrifugal wheel • Attractive and sturdy grille • cETLus listed • AMCA Air & Sound licensed (except PC50X) • ENERGY STAR qualified • HVI certified • Thermally protected motor • PC50X includes 4" duct connector with built-in backdraft damper • PC80X(P) & PC110X(P) includes 4" and 6" duct connector with built-in backdraft damper • PC150(XP) includes 6" duct connector with built-in backdraft damper • 5 Year Warranty •



Performance

Flow (CFM)	SP (in W.G.)	Nominal RPM	Max (HP)	Max Amps
100	.25	930	.04	0.35

Altitude (Feet): 0 Temperature (Fahrenheit): 70 Density (Lb/Ft3): .075

Motor Information:

Volts/PH/Hz
115V/1PH/60HZ

Submittal Notes:

PUBLIC TOILETS 1ST FLOOR

Dimensions (Inches)					
A	11.375	B	10.5	C	7.75
D	14	E	13	F	
G		H		I	
J		K		L	
M		N		O	
P		Q		R	
S		T		U	
V		W		X	
Y					

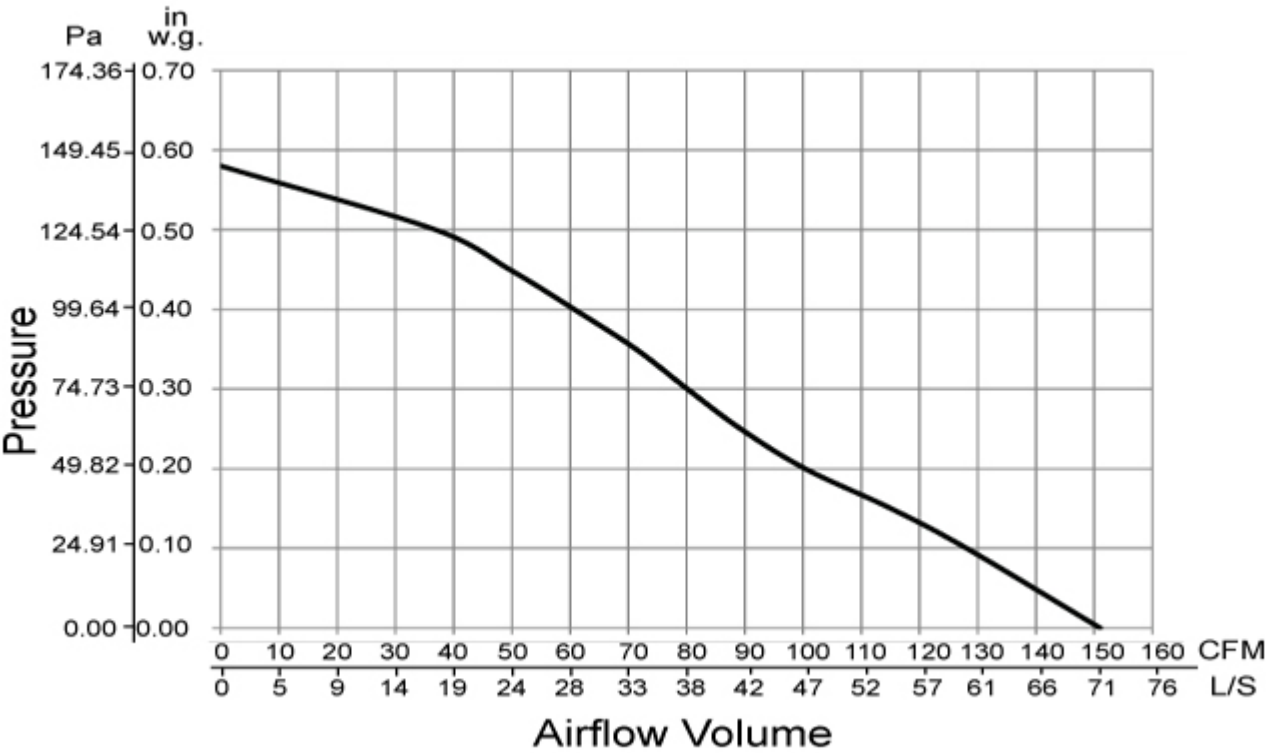
Note: Accessories may effect dimensions shown.

Avg. Shipping Weight (Lbs)*: 10

*Includes fan, motor, and packaging.

Accessories:

PCRD - PC/PCXP/PCD/PCDXP SERIES RADIATION DAMPER
• PCSCP - PCXP SPEED CONTROL (NOT COMPATIBLE WITH PCMHKP OR PCLMHKP) •





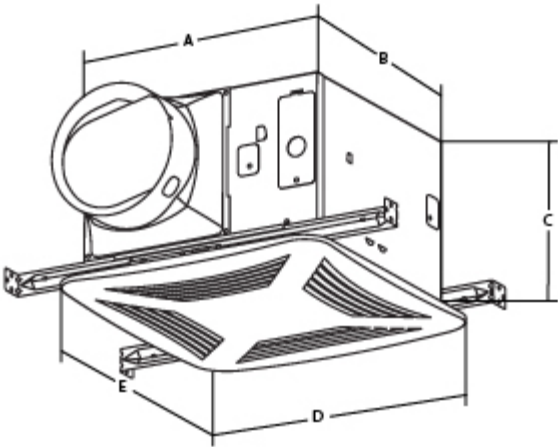
S&P USA

Qty:	2
Tag:	EF-C
Project:	RFQ HILTON

PC80XP - 0.4 Sones

AC Motor Standard Models: Premium CHOICE Series

STANDARD FEATURES:
Robust steel housing • Forward curved centrifugal wheel • Attractive and sturdy grille • cETLus listed • AMCA Air & Sound licensed (except PC50X) • ENERGY STAR qualified • HVI certified • Thermally protected motor • PC50X includes 4" duct connector with built-in backdraft damper • PC80X(P) & PC110X(P) includes 4" and 6" duct connector with built-in backdraft damper • PC150(XP) includes 6" duct connector with built-in backdraft damper • 5 Year Warranty •



Performance

Flow (CFM)	SP (in W.G.)	Nominal RPM	Max (HP)	Max Amps
75	.25	915	.034	0.25

Altitude (Feet): 0 Temperature (Fahrenheit): 70 Density (Lb/Ft3): .075

Motor Information:

Volts/PH/Hz
115V/1PH/60HZ

Submittal Notes:

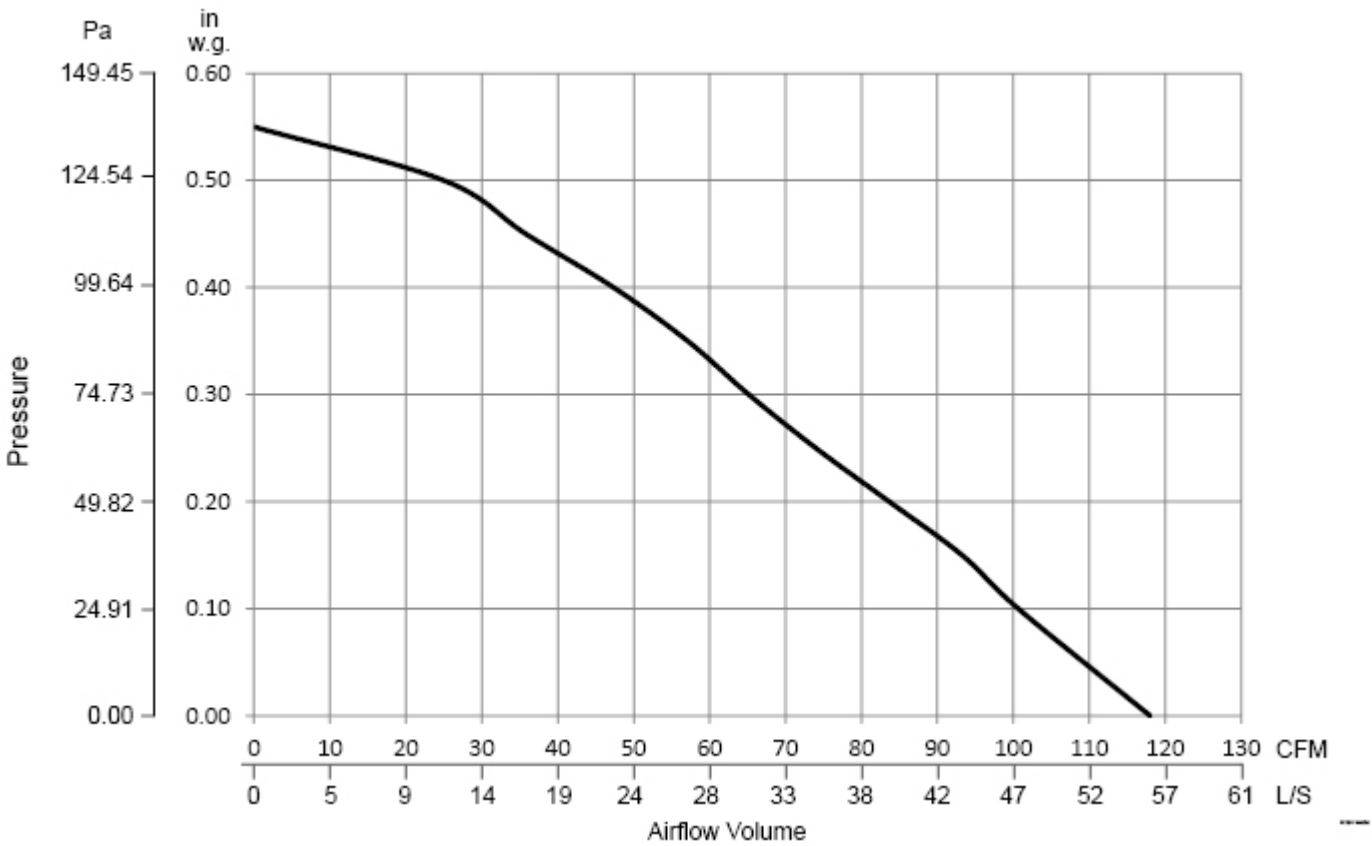
PUBLIC RESTROOM 3RD FLOOR

Dimensions (Inches)					
A	11.375	B	10.5	C	7.75
D	14	E	13		
F		G		H	
I		J		K	
L		M		N	
O		P		Q	
R		S		T	
U		V		W	
X		Y			

Note: Accessories may effect dimensions shown.

Avg. Shipping Weight (Lbs)*: 10
*Includes fan, motor, and packaging.

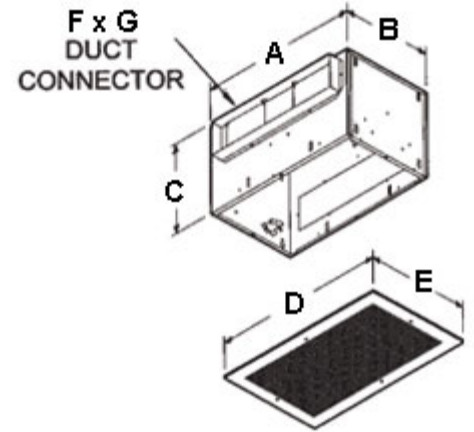
Accessories:
PCMHKP - PCXP MOTION/HUMIDITY SENSOR KIT • PC3S - 3-SWITCH CONTROL FOR PC FAN OPTIONS •





S&P USA

Qty:	2
Tag:	EF-D
Project:	RFQ HILTON



FF400S

Centrifugal Ceiling Cabinet Fan-Direct Drive (V.S.C.)

STANDARD FEATURES:

Low RPM Speed controllable motor • F.C. centrifugal fan wheel (except size 50 & 80) • AMCA Air and Sound Licensed • UL and cUL listed for electrical reliability • Permanently lubricated & thermally protected motor • Low profile white ceiling grill • 20 Gauge galvanized steel cabinet • Integral backdraft damper • Resilient Blower/Motor mounts (except sizes 50 & 80) • Convertible to inline cabinet fan (sizes 100 thru 1500) • 1/2" acoustic insulation inside (except FF50 & FF80) •



Performance

Fan RPM	Flow (CFM)	SP (in W.G.)	Power (HP)	SE	TE	FPM (TS)	FPM (OV)
686	400	.125	.175	5%	5%	180	400

Altitude (Feet): n/a Temperature (Fahrenheit): n/a Density (Lb/Ft³): .075

Motor Information: (Wired for 115V)

HP	RPM	Volts/PH/Hz	Enclosure	Efficiency	Mounted
.196	735	115V/1PH/60HZ	TOTALLY ENCLOSED AIR OVER		YES

DBA	SONE
40	2.3

Submittal Notes:

WATER HEATER FIRE RISER 1ST FLOOR

Dimensions (Inches)									
A	21.5	B	12.25	C	11.75	D	23.25	E	14
F	4.5	G	18.5	H		I		J	
K		L		M		N		O	
P		Q		R		S		T	
U		V		W		X		Y	

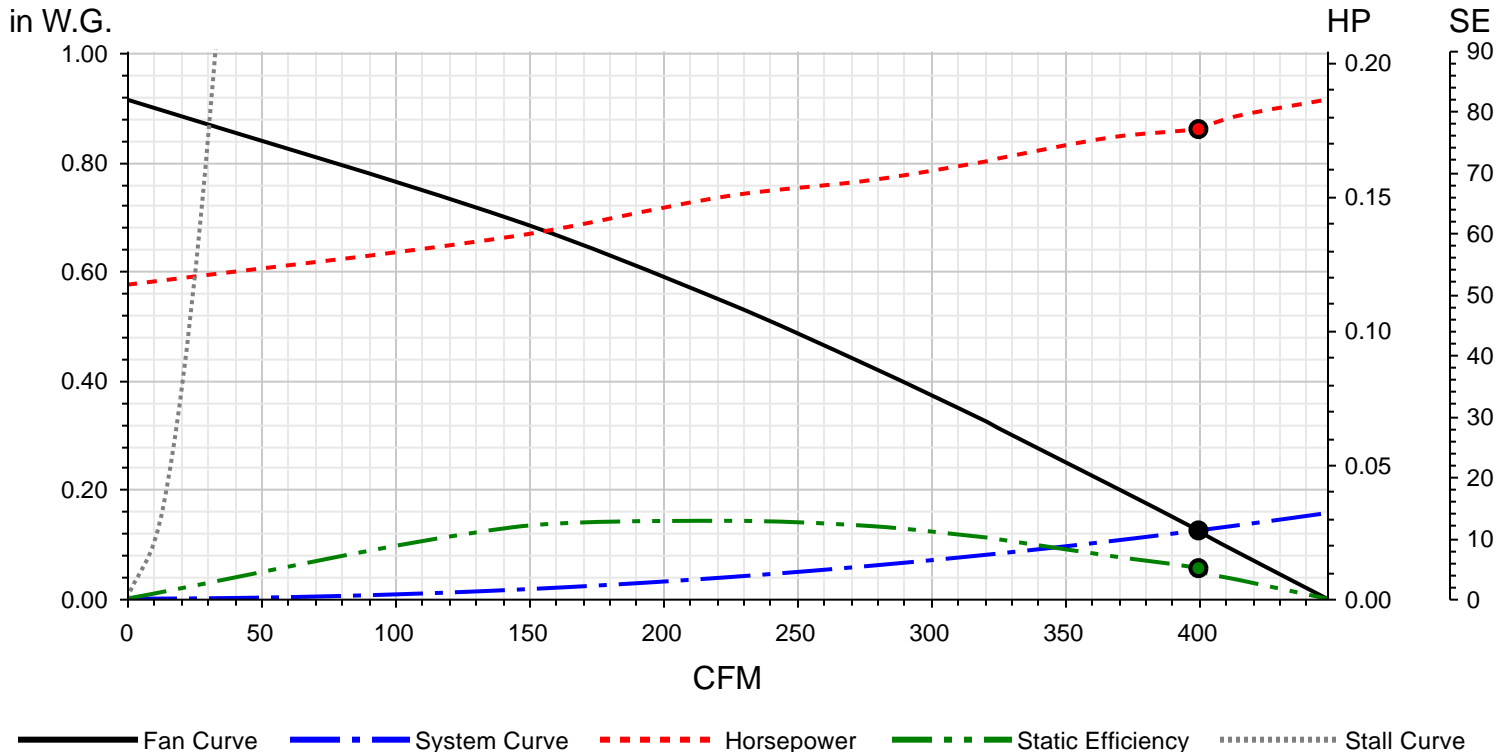
Note: Accessories may effect dimensions shown.

Avg. Shipping Weight (Lbs)*: 34

*Includes fan, motor, and packaging.

Accessories:

SPD CNTRL 115V UP TO 1/3 HP LOOSE 5 AMP • UL RADIATION FIRE DAMPER (FF400-FF700) •





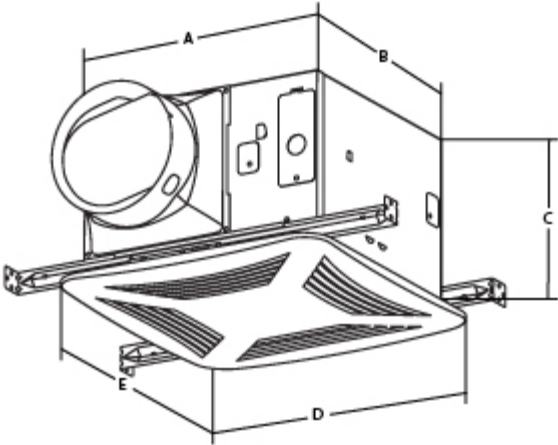
S&P USA

Qty:	1
Tag:	EF-E
Project:	RFQ HILTON

PC150XP - 0.5 Sones

AC Motor Standard Models: Premium CHOICE Series

STANDARD FEATURES:
Robust steel housing • Forward curved centrifugal wheel • Attractive and sturdy grille • cETLus listed • AMCA Air & Sound licensed (except PC50X) • ENERGY STAR qualified • HVI certified • Thermally protected motor • PC50X includes 4" duct connector with built-in backdraft damper • PC80X(P) & PC110X(P) includes 4" and 6" duct connector with built-in backdraft damper • PC150(XP) includes 6" duct connector with built-in backdraft damper • 5 Year Warranty •



Performance

Flow (CFM)	SP (in W.G.)	Nominal RPM	Max (HP)	Max Amps
150	.125	1015	.051	0.35

Altitude (Feet): 0 Temperature (Fahrenheit): 70 Density (Lb/Ft3): .075

Motor Information:

Volts/PH/Hz
115V/1PH/60HZ

Submittal Notes:

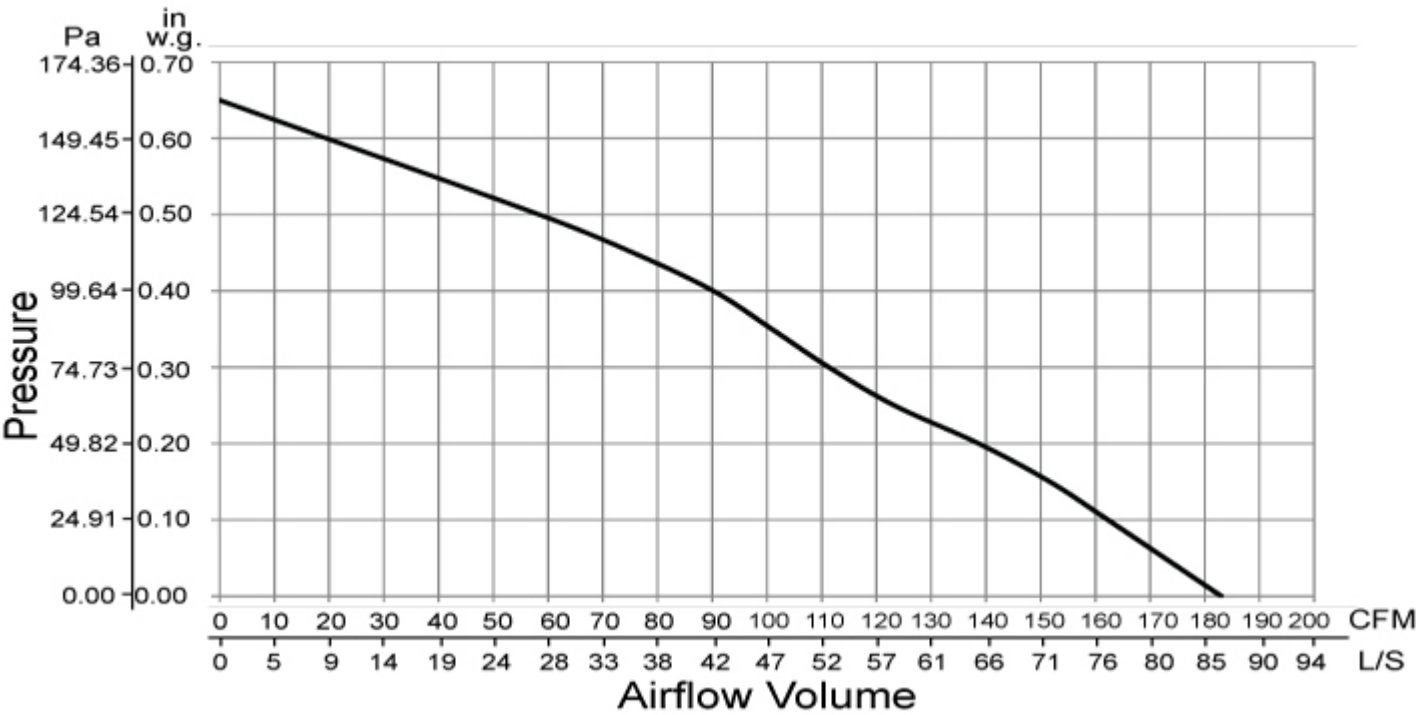
PANTRY ROOM 1ST FLOOR

Dimensions (Inches)					
A	11.375	B	10.5	C	7.75
D	14	E	13		
F		G		H	
I		J		K	
L		M		N	
O		P		Q	
R		S		T	
U		V		W	
X		Y			

Note: Accessories may effect dimensions shown.

Avg. Shipping Weight (Lbs)*: 10
*Includes fan, motor, and packaging.

Accessories:
PCSCP - PCXP SPEED CONTROL (NOT COMPATIBLE WITH PCMHKP OR PCLMHKP) •



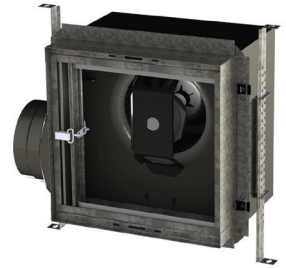
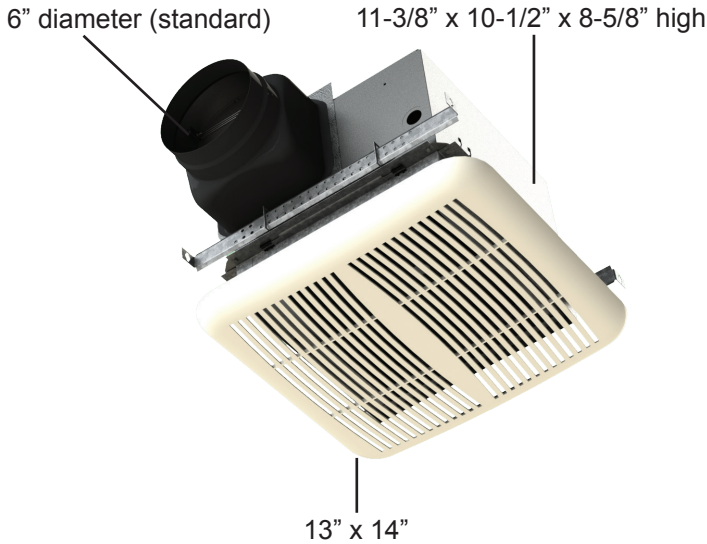


PCRD

Radiation Damper for PC fans

(Fits PC80X, PC110X, PC150, PCD110 and PCD110H)

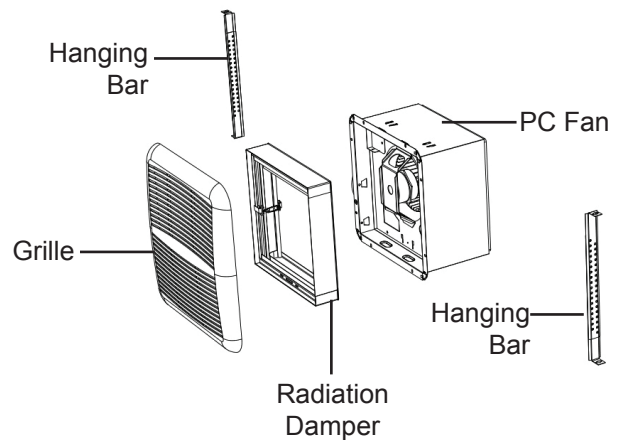
Dimensions (PC80X, PC110X, PC150 or PCD110H with PCRD)



Specifications

- 3-hour rating ceiling radiation dampers
- UL Listed Link (165°F Standard)
- UL Approved flexible fire blanket
- Ceramic fiber with fiberglass cover
- Roll-formed frame 22 g. galvanized steel

Components (PC Fan and Grille not included with PCRD)



The chart below indicates with plug-&-play or other PC accessories can be used with the PCRD:

	Standard Grille	PCLK	PCMK	PCHS	PCSC	PC3S	PCMG
PCRD	✓	-	-	✓	✓	✓	✓

ACCESSORY MODEL	1	2	3	4	5	REMARKS

PROJECT: _____ CONTRACTOR: _____
 LOCATION: _____ REVISION DATE: _____
 FORM NO.: _____ SUBMITTED BY: _____ DATE: _____
 ENGINEER: _____ APPROVED BY: _____ DATE: _____

For more information contact us at www.solerpalau-usa.com or 1.800.961.7370 for additional submittal drawings.

S&P will not be responsible for fabrication changes or errors resulting from customer use of a non-current submittal drawing.

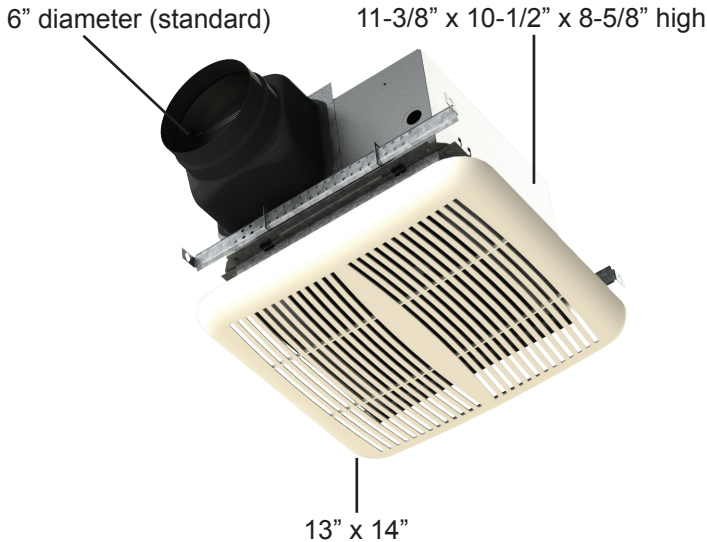


PCRD

Radiation Damper for PC fans

(Fits PC80X, PC110X, PC150, PCD110 and PCD110H)

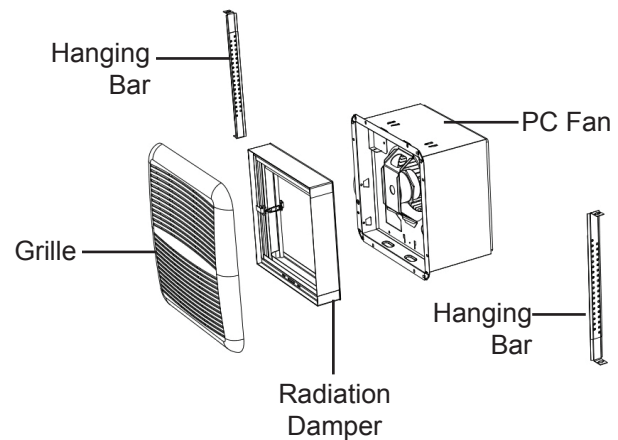
Dimensions (PC80X, PC110X, PC150 or PCD110H with PCRD)



Specifications

- 3-hour rating ceiling radiation dampers
- UL Listed Link (165°F Standard)
- UL Approved flexible fire blanket
- Ceramic fiber with fiberglass cover
- Roll-formed frame 22 g. galvanized steel

Components (PC Fan and Grille not included with PCRD)



The chart below indicates with plug-&-play or other PC accessories can be used with the PCRD:

	Standard Grille	PCLK	PCMK	PCHS	PCSC	PC3S	PCMG
PCRD	✓	-	-	✓	✓	✓	✓

ACCESSORY MODEL	1	2	3	4	5	REMARKS

PROJECT: _____ CONTRACTOR: _____
 LOCATION: _____ REVISION DATE: _____
 FORM NO.: _____ SUBMITTED BY: _____ DATE: _____
 ENGINEER: _____ APPROVED BY: _____ DATE: _____

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P: 800.961.7370
www.solerpalau-usa.com

PC3S

3 Switch Control for PC Fan Options

Description

Individual Switches: 15 Amp 120 Volt/Device Total 20 Amp 120 Volt. Decora Three Rocker Combination Switches w/ Ground Screw Terminals and push-in wiring. White

Product Features

- Grounding: Non-Grounding
- Feature: Single-Pole / Single-Pole / Single-Pole
- Amperage: 15 Amp
- Voltage: 120 Volt
- Termination: Quickwire Push-In
- Actuator Material: Thermoplastic
- Body Material: Thermoplastic
- Strap Material: Steel
- Color: White
- Standards and Certifications: UL/CSA



ACCESSORY MODEL	1	2	3	4	5	REMARKS

Project: _____	Submitted: _____
Customer: _____	Approved: _____
Location: _____	

For more information contact us at www.solerpalau-usa.com or 1.800.961.7370 for additional submittal drawings.

S&P will not be responsible for fabrication changes or errors resulting from customer use of a non-current submittal drawing.

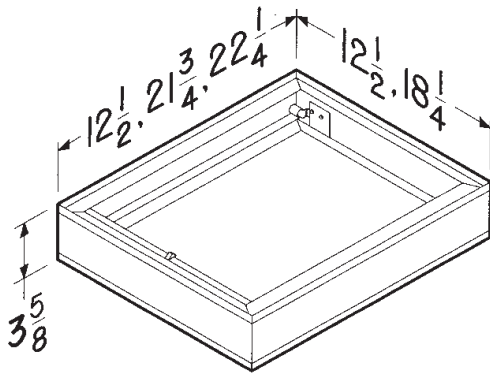
PC3S - 07-2013





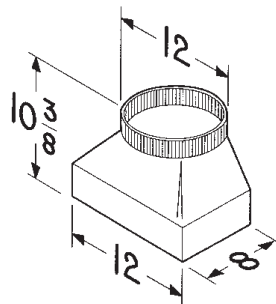
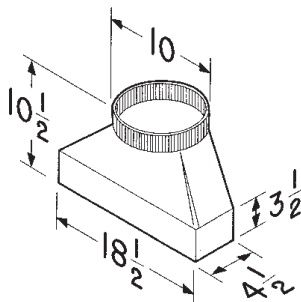
CEILING AND IN-LINE VENTILATOR ACCESSORIES

RADIATION DAMPERS, DUCT TRANSITIONS, METAL GRILLS FOR FF/FFC UNITS



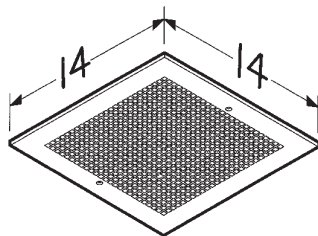
Models RD1, RD2 & RD3 Radiation Dampers

- UL rated 4-hour ceiling radiation dampers - classified for use in a 4-hour fire-rated ceiling
- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiber thermal fabric
- 165°F fusible link
- Stainless steel negator-type closure spring
- RD1 (12 1/4" x 12 1/4") fits FF100 - FF300
- RD2 (21 1/2" x 18") fits FF400 - FF700
- RD3 (22" x 18") fits FF900 - FF1500



Models 423 & T81212 Duct Transitions

- Galvanized steel
- Allows for quick transition to easy-to-obtain-and-install round ducting
- 423 (4 1/2" x 18" to 10 round) for use with FF400 thru FF700
- T81212 (8" x 12" to 12" round) for use with FF900 and FF1500



Model MG 1 Metal Grill Kit

- White enamel painted steel
- Mounting screws included
- Fits FF100, FF150, FF200, FF250 & FF300

Project: _____ Submitted: _____
Customer: _____ Approved: _____
Location: _____