

MODEL PC

CEILING MOUNT BATHROOM FAN



Features & Construction

- Extremely quiet operation <0.3 to 1.1 Sones
- 80-150 CFM
- Aerodynamically engineered to move air with lowest power consumption and sound levels
- Motors operate with the lowest heat build up for long life even when run continuously - 5 year warranty
- PC50 features 4" duct connectors
- PC80X & 110X feature both 4 and 6" duct connectors
- PC150 features 6" duct connectors
- Low air leakage dampers minimize uncontrolled infiltration
- Robust steel housing
- Internal electrical wiring box
- Attractive, sturdy grille
- Thermally protected motor
- ETL Listed
- HVI Certified
- PC80X, 110X & 150 are ENERGY STAR® qualified

Performance

Model	Duct Size	CFM	Static Pressure (in W.G.)	Energy Efficiency (CFM/Watts)*	Watts	Power (V/Hz)	Sones	Amps	ENERGY STAR
PC50	4"	50/31	0.1/0.25	3.1	16	120/60	0.6	.13	No
PC80X	4"	80/58	0.1/0.25	3.0	32	120/60	0.4	.27	Yes
	6"	80/63					<0.3		
PC110X	4"	96/70	0.1/0.25	3.2	36	120/60	1.1	.30	Yes
	6"	110/87					0.6		
PC150	6"	150/110	0.1/0.25	3.8	41	120/60	1.1	.34	Yes

* Energy Star qualified data based on tested air flow and power consumption.



Dimensions

Model	Duct Dia.	Grille Size (Sq. in inches)	Cabinet Size (in Inches)			Unit Wgt. (lbs)
			W	D	H	
PC50	4"	10-1/4 x 10-1/2	9	9	5-3/4	6
PC80X	4 & 6"	13 x 14	11-3/8	10-1/2	7-5/8	8
PC110X	4 & 6"	13 x 14	11-3/8	10-1/2	7-5/8	9
PC150	6"	13 x 14	11-3/8	10-1/2	7-5/8	9

PC Options Overview

The simplicity of JencoFan’s Premium CHOICE Series comes in the options. While other premium bath fans come as lighted fans, speed control, motion sensor or humidity sensor built in, our Premium Choice bath fans give you the flexibility to choose your grille and control separately. Our fans even allow you to change your mind after you install them!

Use the chart below to determine the options available with each Premium Choice Fan:

Option	Premium Choice Fan			
	PC50	PC80X	PC110X	PC150
	With Standard Grille			
Intermittent High Speed	✓	✓	✓	✓
Continuous 62.2 Speed Only	✓	✓	✓	✓
Continuous 62.2 Speed, Intermittent High Speed	✓	✓	✓	✓
Intermittent Reduced Speed	✓	✓	✓	✓
Humidity Sensing Only	✓	✓	✓	✓
Humidity Sensing and Intermittent High Speed	✓	✓	✓	✓
Contractor Pack		✓	✓	
	With Optional Lighted Grille Kit			
Intermittent High Speed		✓	✓	✓
Continuous 62.2 Speed Only		✓	✓	✓
Continuous 62.2 Speed, Intermittent High Speed		✓	✓	✓
Intermittent Reduced Speed		✓	✓	✓
Humidity Sensing Only		✓	✓	✓
Humidity Sensing and Intermittent High Speed		✓	✓	✓

PCLK - Premium CHOICE Series Light Kits

Grille Light Kits

JencoFan offers Premium Choice Series Light Kits so you can choose a fan with lights now or later. This kit fits the PC80X, 110X, 150 and PCD110H. The lighted grilles come standard with a 13 watt GU24 fluorescent bulb and a 4 watt night light.



PCMK - Premium CHOICE Series Motion Kits

Motion Sensing Grille Kits

JencoFan offers Premium Choice Series Motion Sensing Kits so you can have worry free bathroom ventilation. This kit fits the PC80X, 110X & 150. The motion sensing grille includes a motion sensor, a speed control and a LED night light.





PC CONTROLS

Humidity Sensor (PCHS)

Using a PC fan with JencoFan's humidity sensing control is a worry free solution to fighting excess humidity and possible mold problems. The sensor easily mounts inside the fan housing utilizing 2 pre-drilled holes and a standard receptacle. With the sensor at ceiling level it detects rapid increases in moisture where steam and humidity naturally rise, and automatically turns on the fan. The humidity sensor features an automatic shut off to save worry and money. The humidity sensor is the perfect solution to "fit & forget" the bath fan, especially in high traffic bathrooms, kids' bathrooms, or households on-the-go that must leave the house without properly venting humidity. JencoFan's PC fan with optional Humidity Sensor helps prevent cosmetic and possible mold issues associated with excess moisture.

- Detects rapid rise in humidity
- Simple plug into receptacle in fan housing
- Auto-shut off timer
- Accessible sensitivity adjustment
- Humidity is sensed at the ceiling
- Can be installed with new fan or as an add-on later if needed

Speed Control (PCSC)

Using a PC fan with JencoFan's speed control is simple solution to for intermittent and continuous ventilation. The sensor easily mounts inside the fan housing utilizing 2 pre-drilled holes and a standard receptacle.

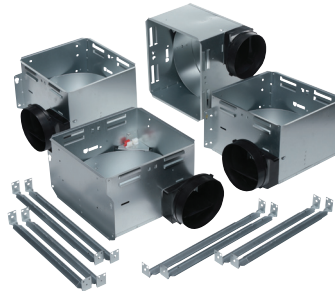
- Simple plug into receptacle in fan housing
- Accessible speed adjustment
- Can be installed with new fan or as an add-on later if needed
- Allows for adjustable continuous speed for ASHRAE 62.2
- High speed override



PC CONTRACTOR PACKS

For simple installation, PC80X and PC110X are available as 4 packs with the fan housings ready for installation first, then after the drywall and painting are complete the motor and grilles are available to finish the job. The housing kit includes the housing and hanger bars, while the finish kit includes the motor plate, motor, wheel and grille.

Contractor packs can be ordered with the PCLK Lighted Kits to make a lighted fan pack or PCMK Motion Sensing Kits to make a motion sensing fan pack (order 4 grille packs with the Motor & Grille pack).



Housing Pack



Motor & Grille Pack

Pack Part #	Description
PCH	PC80X & PC110X Contractor Pack Housings (4 pk)
PC80F	PC80X Contractor Pack Motor and Grille (4 pack)
PC110F	PC110X Contractor Pack Motor and Grille (4 pk)

ADDITIONAL PC ACCESSORIES

3-Switch Controls (PC3S)

The PC3S allows you to control three (3) features of a PC fan with one switch. Designed for PC fans with Grille Option and Plug & Play Control.



Additional Accessory CHOICES

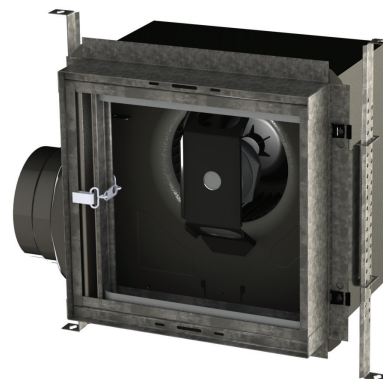
4" duct collar: PCDC4

6" duct collar: PCDC6

Metal Grille: PCMG

Radiation Damper (PCRD)

- 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



MODELS PCD110M & PCD110H

CEILING MOUNT BATHROOM FANS WITH DC MOTOR

Features and Construction

- Extremely quiet operation 0.5 Sones
- Brushless DC Motor for long life - rated for 60,000 hours continuous on
- PCD110M has a built-in motion sensor and LED night light
- PCD110H has a built-in humidity sensor
- High/Low speed delay timer
- Built-in backdraft damper
- Robust steel housing
- Attractive, sturdy grille
- ETL Listed
- ENERGY STAR® qualified
- HVI Certified
- 6 year warranty on DC Motor, 5 year warranty on balance of unit



Performance and Dimensions

PCD110M & PCD110H					
CFM @ 0.1" SP	4" Duct	80	90	110	120
	6" Duct	90	110	120	140
CFM @ 0.25" SP	4" Duct	50	63	77	87
	6" Duct	64	77	89	100
Sones @ 0.1" SP	4" Duct	0.7	0.7	1.0	1.2
	6" Duct	0.3	0.5	0.8	1.1
Watts @ 0.1" SP	4" Duct	5.5	7	11.5	13
	6" Duct	5.5	10	11.5	14.5
Energy Efficiency (CFM/Watt)	4" Duct	14.5	12.9	9.6	9.2
	6" Duct	16.4	11	10.4	9.7
Amps		.16	.18	.22	.23
ENERGY STAR Qualified	Yes				
Duct Connector Diameter (in)	4" or 6"				
Grille Size (in)	13" x 14"				
Dimensions (w x d x h) (in)	11-3/8" x 10-1/2" x 7-5/8"				

You CHOOSE Your Airflow!

The built-in **Toggle Switches** and duct connector options allow you to set the PCD110M & PCD110H to the needed airflow.

Switch position								
Airflow (CFM)	80	90	110	120	90	110	120	140
Duct diameter (inches)	4"	4"	4"	4"	6"	6"	6"	6"

1 & 2: Airflow • 3: Duct size
Factory setting is 110 CFM with 6" duct

Integrated Controls

