

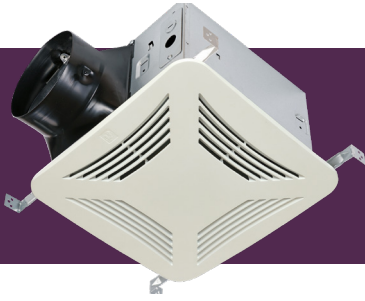


ADVANCING
VENTILATION®

PREMIUM CHOICE SERIES

Advancing Ventilation®

Soler & Palau
Ventilation Group



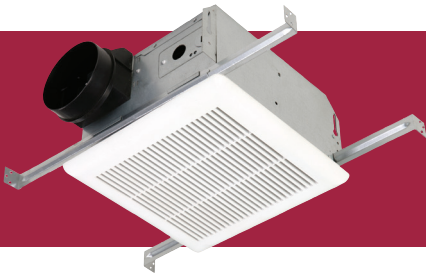
PCXP

AC Motor Models



PCD

DC Motor Models



PCV

Value Series Models



PCLP / PCLPXP

Low Profile Models



PCRL

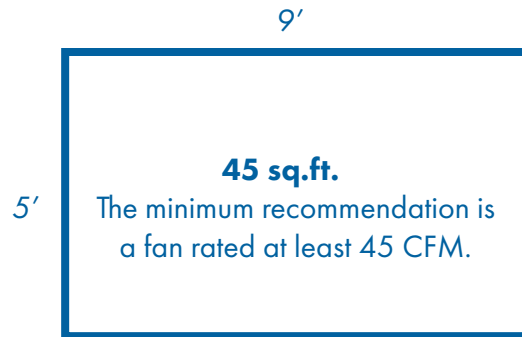
Recessed Vent Light Models

BATHROOM FAN SIZING

Based on the Home Ventilating Institute (HVI) guidelines

FAN SIZING FOR BATHROOMS UNDER 100 SQUARE FEET

The standard rule for bathrooms 100 square feet or smaller is one CFM per square foot of the bathroom. To find the square footage, multiply the length of the bathroom by the width.



Ventilation for baths over 100 square feet is calculated based on the fixtures in the bathroom (see table below). Add the CFM of all fixtures within the bathroom for the required fan CFM. Enclosed toilet rooms must have an operable window or a fan for ventilation.

CFM REQUIRED PER FIXTURE

Toilet	50 CFM
Shower	50 CFM
Bath Tub	50 CFM
Jetted Tub	100 CFM

EXAMPLE

1 Toilet	50 CFM
1 Jetted Tub	100 CFM
Required CFM	150 CFM



SOLUTION

1. Install a 100 CFM fan over the tub, 50 CFM fan in the shower and above the toilet. This method will provide ventilation where and when it's needed.
2. Install one 150 CFM fan. The air will be pulled through the entire room and exhausted at a central location.

For more information on bath fan sizing and ventilation, visit www.hvi.org.

IMPROVE IAQ WITH THE PREMIUM CHOICE SERIES

Americans spend
90%
of their time
INDOORS.

Indoor Air can be
2-5
TIMES
MORE POLLUTED
THAN OUTSIDE AIR

The EPA ranks
INDOOR AIR
POLLUTANTS
as a
TOP FIVE
HEALTH RISK.



As buildings are being built with higher quality construction methods, balanced ventilation methods are more important than ever. An unbalanced home results in poor Indoor Air Quality (IAQ), causing inadequate conditions for your home and the inhabitants. As codes change, it is important for you to understand why Indoor Air Quality is so important and the options available to you from S&P USA.

Locate the best fan for your project to the right.

SERIES	MODEL	CFM	SONES +	PAGE
AC Motor Models	PC50XP	50	0.4	8
	PC80XP	80	0.4	8
	PC110XP	110	0.3	8
	PC150XP	150	0.5	8
DC Motor Models	PCD80XH	80	1.5	10
	PCD110XP	110	0.3	10
	PCD110XP	110	0.3	10
	PCLPD100XHP	100/80/50	1.2/1.0/0.6	12
PCRL Recessed Light	PCRL80	80	1.2	13
	PCRL80F	80	1.2	13
PCV Value Series Models	PCV50	50	2.5	14
	PCV80	80	1.5	14
PCLP Low Profile Models	PCLP80	80	1.2	15
	PCLP100	100	2	15
	PCLP80XP	80	0.7	16
	PCLP100XP	100	1.5	16
	PCLPD100XHP	100/80/50	1.2/1.0/0.6	12

PREMIUM CHOICE DIFFERENCE



LONG LIFE



BEST IN CLASS WARRANTY



STRESS-FREE INSTALLATION



PLUG-&-PLAY DESIGN



ENERGY EFFICIENT

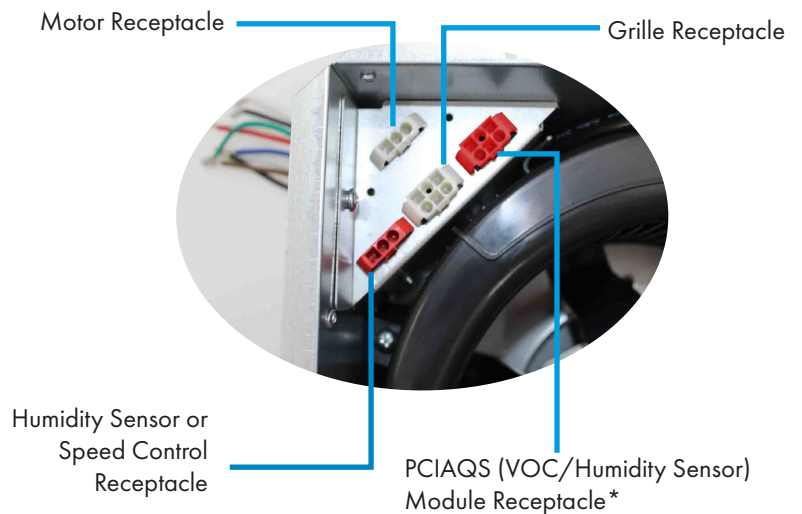
+ Sones represented at .1" of Static Pressure

PLUG-&-PLAY MODULES + GRILLES

S&P's unique Plug-&-Play options make your CHOICE easy. Whether you're looking for a Speed Control, Humidity Sensor, Motion/Humidity Sensor or VOC Sensor, there is a control that connects to the receptacle and easily mounts into the pre-drilled holes inside the fan housing.

There is a receptacle for your grille CHOICE. Need a lighted fan? Choose the fluorescent or LED Lighted Grille Kits. Need a motion sensing fan? Choose the Motion Sensing Grille Kit. Either grille easily plugs into the grille receptacle to give you the fan of your CHOICE!

PC Fan models include receptacles based on compatibility. Learn more in our Accessories section.



MODULES + GRILLES

- Humidity Sensor
- Volatile Organic Compound + Humidity Sensor
- Speed Control
- Motion + Humidity Sensor
- Grille Kit
- CFL Lighted Motion Grille
- LED Lighted Grille
- Lighted Motion Grille



*The receptacle for the PCIAQS is field installed.

UNDERSTANDING PLUG-&-PLAY

PICK YOUR FAN

Pick a base fan from one of our Premium CHOICE Series models.

EXAMPLE: PC110XP AC Model



PICK YOUR MODULE OR GRILLE

Choose a compatible Module or Grille Kit for your custom need

EXAMPLE: PCLMHKP Lighted Motion and
--Humidity Sensor Kit for PCXP Series



ORDER YOUR CUSTOM FAN

Order your Base Fan + Module/Grille to receive your full custom fan.

EXAMPLE: PC110XP + PCLMHKP



PCXP - AC MOTOR MODELS



FEATURES

- Extremely quiet operation 0.3 to 0.5 sones
- Redesigned blower for increased efficiency and lower sound
- Seamless Plug-&-Play integration
- Select models available as Contractor Packs (packs of 4)

MODEL	CFM	SONES +
PC50XP	50	0.4
PC80XP	90	0.4
PC110XP	120	0.3
PC150XP	150	0.5



excludes
PC50XP

MODULES + GRILLES

HUMIDITY SENSOR
PCHSP



SPEED CONTROL
PCSCP



VOLATILE ORGANIC COMPOUND
AND HUMIDITY SENSOR
PCIAQSP



METAL GRILLE
PCMGP



CFL LIGHTED GRILLE
PCLKP



LIGHTED MOTION
AND HUMIDITY
GRILLE KIT
PCLMHKP



RADIATION DAMPER
PCRD



MOTION AND HUMIDITY
GRILLE KIT
PCMHPK



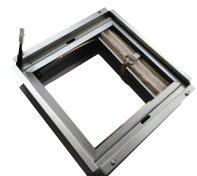
LED LIGHTED GRILLE
PCLEDKP



LED LIGHTED GRILLE
PCVLEDKP
for PC50XP



RADIATION DAMPER
PCVRD



* UL certified includes 230V ONLY
+ Sones shown are at .1" of Static Pressure

PCXP - AC MOTOR MODELS

Fan Model	Accessory	Compatible with:
PC50XP	PCSCP	PCVRD, PCVLEDKP, PCVLEDKRDP
	PCHSP	
	PCVRD	PCSCP, PCHSP
	PCVLEDKP	
	PCVLEDKRDP	
PC80XP, PC110XP, PC150XP, PCHP, PC80XFP, PC110XFP	PCSCP	PCLKP, PCLEDKP, PCMGP, PCRD, PCLKRDP, PCLEDKRDP, PCMGKRDP
	PCHSP	
	PCIAQSP	
	PCLKP	PCSCP, PCHSP, PCIAQSP
	PCLEDKP	
	PCMGP	
	PCMHKP	NA
	PCLMHKP	
	PCRD	PCSCP, PCHSP, PCIAQSP
	PCLKRDP	
	PCLEDKRDP	
	PCMGKRDP	
	PCMHKRDP	NA
	PCLMHKRDP	

WHAT IS A CONTRACTOR PACK?

Contractor Packs are broken into two packages: Housing (set of 4) and Motors + Grilles (set of 4). This allows installation flexibility for large scale projects that need to be completed in phases.

AVAILABLE ON SELECT MODELS



PCD - DC MOTOR MODELS



FEATURES

- Extremely quiet operation 0.3 to 1.5 sones
- Brushless DC motor for long life
- High/Low speed delay timer
- Built in control module with motion, humidity, speed control, and delay timer (options vary per model)
- Motion grille(purchased seperately) is required for motion sensing capability

MODEL	CFM	SONES +
PCD80XH	80	1.5
PCD110XP	110	0.3
PCD110XIAQS	110	0.9

MODULES + GRILLES

FOR PCD80XH

CFL LIGHTED GRILLE
PCVLK



LED LIGHTED GRILLE
PCVLEDK



RADIATION DAMPER
PCVRD



FOR PCD110IAQS

CFL LIGHTED GRILLE
PCLK



METAL GRILLE
PCMG



RADIATION DAMPER
PCRD



FOR PCD110XP

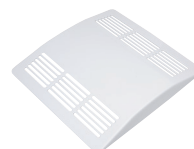
CFL LIGHTED GRILLE
PCLKP



LED LIGHTED GRILLE
PCLEDKP



METAL GRILLE
PCMG



MOTION GRILLE
PCMRGP



FOR PCD110XP

LIGHTED MOTION
AND HUMIDITY
GRILLE KIT
PCDLMGP



RADIATION DAMPER
PCRD



Model	Accessory	Compatible with:
PCD80XH	PCVLK	NA
	PCVLEDK	
	PCVLEDKRD	
	PCVRD	
PCD110XIAQS	PCLK	NA
	PCMG	
	PCRD	
	PCLKRD	
	PCMGKRD	
PCD110XP	PCLEDKP	NA
	PCLKP	
	PCMGP	
	PCDLMGP	
	PCMRGP	
	PCRD	
	PCMRGRDP	
	PCLKRDP	
	PCLEDKRDP	
	PCMGKRDP	
	PCDLMGRDP	



AUTOFLO™ FROM S&P USA

Autoflo™ is an innovative technology that automatically adjusts the fan speed based on the actual Static Pressure in the duct system ensuring a specified amount of airflow. Available on PCD110XP.

NEW

Premium *Choice* Series Ventilation Fans **PCLPD100XHP**

PCLPD100XHP LOW PROFILE CEILING OR WALL MOUNTED EXHAUST FAN WITH DC MOTOR

S&P's Premium Choice Series Bathroom/Exhaust Fan model PCLPD100XHP is built for today's demanding requirements featuring seamless Plug-&-Play integration and a redesigned blower for a quiet, energy efficient performance. The PCLPD100XHP also features an ultra-low profile that allows easy installation into a wall, eliminating the need for a radiation damper to meet fire-resistance requirements in building code.

KEY FEATURES

- Ultra-Low Profile Design to fit in the smallest wall cavities
- Ultra-Quiet Operation of 1.2 sones
- DC Motor for high efficiency with auto-flow technology
- Built-in Humidity Sensing and Continuous low speed capability



MODEL	CFM*	SONES*
PCLPD100XHP	100/80/50	1.2/1.0/0.6

*Values shown are at .1" of static pressure



Model	Accessory	Compatible With
PCLPD100XHP Low Profile Ceiling or Wall Mounted Exhaust fan with DC Motor	PCLPLEDK LED Lighted Grille Kit	PCLPR4-3 Round Recurer
	PCRD Radiation Damper	
	PCLPLEDKRD LED Lighted Grille Kit & Radiation Damper	



Autoflo is an innovative technology that automatically adjusts the fan speed based on the actual Static Pressure in the duct system ensuring a specified amount of airflow.



S&P USA Ventilation Systems | SolerPalau-USA.com

PCRL- RECESSED LIGHT MODEL



FEATURES

- Designed to look like a recessed can light
- Quiet operation 1.2 sones
- Eliminates the need for a can light and a fan in the bathroom saving time and money!

MODEL	CFM	SONES +
PCRL80	80	1.2
PCRL80F	80	1.2



MODULES

HUMIDITY SENSOR
PCHS



SPEED CONTROL
PCSC



LIGHT COVER
PCRL80LC



Model	Accessory	Compatible with:
PCRL80, PCRL80F	PCSC	PCRL80LC*
	PCHS	

*PCRL80LC comes standard with PCRL80F

+ Sones shown are at .1" of Static Pressure

PCV-VALUE MODELS



FEATURES

- Quiet operation 1.5 to 2.5 sones
- 4" duct connector with built-in backdraft damper
- Available as Contractor Packs (packs of 4)

MODEL	CFM	SONES +
PCV50	50	2.5
PCV80	80	1.5



MODULES + GRILLES

HUMIDITY SENSOR
PCHS



SPEED CONTROL
PCSC
PCV80 only



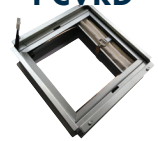
LIGHTED GRILLE
PCVLK



LED LIGHTED GRILLE
PCVLEDK



RADIATION DAMPER
PCVRD



Model	Accessory	Compatible with:
PCV50, PCV50H, PCV50F	PCHS	PCVRD, PCVLEDK
	PCVRD	PCHS
	PCVLK	N/A
	PCVLEDK	PCHS
	PCVLEDKRD	PCHS
PCV80, PCV80H, PCV80F	PCSC	PCVRD, PCVLEDK, PCVLEDKRD
	PCHS	
	PCVRD	PCSC, PCHS
	PCVLK	N/A
	PCVLEDK	PCSC, PCHS
	PCVLEDKRD	PCSC, PCHS

PCLP - LOW PROFILE MODELS



FEATURES

- Low profile housing design
- Suitable for sidewall mounting
- Quiet operation 1.2 to 2.0 sones
- Available as Contractor Packs (Pack of 4)
- No ceiling radiation damper is required when wall mounted, saving time and money

MODEL	CFM	SONES +
PCLP80	80	1.2
PCLP100	100	2



OPTIONAL ACCESSORY

PCLP 4" OVAL TO 3" ROUND REDUCER

PCLPR4-3



MODULES + GRILLES

HUMIDITY SENSOR
PCLPHS



SPEED CONTROL LED LIGHTED GRILLE
PCLPSC



PCLPLEDK



RADIATION DAMPER
PCLPRD



Model	Accessory	Compatible with:
PCLP80, PCLP100, PCLPH, PCLP100F	PCLPLEDK	PCLPSC, PCLPHS
	PCLPRD/PCRD	
	PCLPLEDKRD	
	PCLPSC	PCLPLEDKRD, PCLPLEDK
	PCLPHS	
	PCLPR4-3	Everything above

PCLPXP - LOW PROFILE MODELS



FEATURES

- Ultra-Low Profile Design to fit in the smallest wall cavities
- Ultra-Quiet operation of .7 to 1.5 sones
- Available as Contractor Packs (Pack of 4)
- No ceiling radiation damper is required when wall mounted, saving time and money
- One SKU can be kept on hand for both wall and ceiling mounted applications to consolidate warehouse space.

MODEL	CFM	SONES ⁺
PCLP80XP	80	0.7
PCLP100XP	100	1.5



OPTIONAL ACCESSORY

PCLP 4" OVAL TO 3" ROUND REDUCER

PCLPR4-3



MODULES + GRILLES

HUMIDITY SENSOR
PCLPHSP



SPEED CONTROL LED LIGHTED GRILLE
PCLPSC **PCLPLEDK**



RADIATION DAMPER
PCLPRD/PCRD



Model	Accessory	Compatible with:
PCLP80XP, PCLP100XP, PCLPHXP, PCLP80XPF, PCLP100XPF	PCLPSC	PCLPLEDK, PCLPRD/PCRD, PCLPLEDKRD
	PCLPHSP	
	PCLPLEDK	PCLPSC, PCLPHSP
	PCLPRD/PCRD	
	PCLPLEDKRD	
	PCLPR4-3	Everything above

*Values shown are at .1" of static pressure

GRILLES



METAL GRILLE - **PCMG/PCMGP**

- Ideal for commercial applications



Motion and Humidity Sensing Grille Kit - **PCMHKP**

- Automatically turns on fan when motion or humidity is sensed
- Adjustable time delay shut-off from 5 to 60 minutes
- Speed Controllable low speed if enabled



Lighted Motion and Humidity Sensing Grille Kit - **PCLMHKP**

- 13 watt GU24 bulb and 4 watt night light bulb
- Automatically turns on fan when motion and/or humidity is sensed
- Adjustable time delay shut-off from 5 to 60 minutes
- Speed Controllable low speed if enabled



CFL Lighted Grille Kit - **PCLK/PCLKP**

- 13 watt GU24 bulb and 4 watt light bulb



LED Lighted Grille Kit- **PCLEDKP/PCLPLEDK**

- 11 watt LED light
- 4100K/1100 lumens
- 2 watt LED night light setting 200 lumens



CFL Lighted Grille Kit for PC Value- **PCVLK**

- 13 watt GU24 bulb
- 2700K/900 lumens
- Simple plug-in receptacle in fan housing



LED Lighted Grille Kit for PC Value - **PCVLEDK/ PCVLEDKP**

- 13 watt LED light
- 4100K/1100 lumens
- 2 watt LED night light setting 200 lumens
- Can be installed with new or pre-installed fan

PLUG-&-PLAY MODULES



PCHS PCHSP



PCLPHS

HUMIDITY SENSOR

- Detects rapid rise in humidity
- Auto-shut off timer
- Accessible sensitivity adjustment
- Meets Title 24 bathroom fan requirement



PCSC PCSCP



PCLPSC

SPEED CONTROL

- Provides seamless two speed operation without additional wiring at the wall switch
- Accessible speed adjustment
- High speed override
- Allows for adjustable continuous speed to meet ASHRAE 62.2



PCIAQSP

VOLATILE ORGANIC COMPOUND (VOC) AND HUMIDITY SENSOR

- Detects VOCs and/or rapid rise in humidity at the ceiling
- Speed control to run fan continuously
- Meets California Title 24 bathroom fan requirement (CALGreen)

WALL CONTROLS OPTIONS



3-SWITCH CONTROL

PC3S

- Three Rocker Combination Switch with ground screw terminals and push-in wiring



FAN/LIGHT DELAY TIMER SWITCH

FLTD-60

- Saves energy by automatically turning exhaust fan off
- One Switch controls fan and light
- Digital Timing circuit
- Fits single switch outlet box



ROTARY SPRING WOUND TIMER

SRT-30

- Hold feature enables user to override the automatic shut-off function
- Press-on knob design ensures quick and easy installation
- CFL Compatible



ELECTRONIC PUSH BUTTON TIMER

EPBT-60

- 10-20-30-60 minute timer
- Activate by pushing the button



ASHRAE 62.2 BATH FAN VENTILATION CONTROL

FT-622

- Programmable DELAY and VENTILATION settings
- Works with ALL incandescent, CFL, fluorescent and LED lights up to 450 watts
- Earn LEED and ENERGY STAR points for enhanced exhaust ventilation



PROGRAMMABLE FAN TIMER 24 HOURS/ 7 DAYS

FT247

- Hold feature enables user to override the automatic shut-off function
- Press-on knob design ensures quick and easy installation
- CFL Compatible

RADIATION DAMPER KITS

GENERAL FEATURES

- 3-hour rating ceiling radiation dampers
- Ceramic fiber with fiberglass cover fire blanket
- Roll-formed frame 22 g. galvanized steel



CFL LIGHTED GRILLE AND RADIATION DAMPER KIT
PCLKRD



LED LIGHTED GRILLE AND RADIATION DAMPER KIT
PCLEDKRD/PCLEDKRD



MOTION AND HUMIDITY SENSING GRILLE AND RADIATION DAMPER KIT
PCMHKRD



LIGHTED MOTION AND HUMIDITY SENSING GRILLE AND RADIATION DAMPER KIT
PCLMHKRD



METAL GRILLE AND RADIATION DAMPER KIT
PCMGKRD/PCMGKRD



LED LIGHT KIT FOR PREMIUM CHOICE VALUE SERIES AND RADIATION DAMPER KIT
PCVLEDKRD/PCVLEDKRD



LED LIGHT KIT FOR PREMIUM CHOICE LOW PROFILE SERIES AND RADIATION DAMPER KIT
PCLPLEDKRD



MOTION GRILLE AND RADIATION DAMPER KIT
PCMRGRDP



LIGHTED MOTION AND HUMIDITY SENSING GRILLE AND RADIATION DAMPER KIT
PCDLMGRDP

SCAN ME
FOR MORE INFORMATION



Premium *Choice* Series
Ventilation Fans



**ADVANCING
VENTILATION®**

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