Soler & Palau PC Fans
Specification Sheet

AC Standard Models

AMCA Certified Performance

120V, 60Hz Models					
Model	Duct Size	Static Pressure	CFM	Sones*	RPM
PC80X	4”	0	102	1.3	800
	4”	0.1	86	1.6	800
	4”	0.25	59	2.4	800
	6”	0	119	1.0	800
	6”	0.1	89	1.3	800
	6”	0.25	66	2.4	800
PC110X	4”	0	114	1.5	850
	4”	0.1	100	1.7	850
	4”	0.25	76	2.3	850
	6”	0	134	1.4	850
	6”	0.1	112	1.5	850
	6”	0.25	86	2.0	850
PC150	6”	0	159	2.3	1000
	6”	0.1	140	2.2	1000
	6”	0.25	117	2.5	1000

230V, 60Hz Models					
Model	Duct Size	Static Pressure	CFM	Sones*	RPM
PC80X-60-230V	4"	0	96	2.3	900
	4"	0.1	85	2.6	900
	4"	0.25	64	3.2	900
	6"	0	110	1.3	850
	6"	0.1	91	1.4	850
	6"	0.25	66	2.1	850
PC110X-60-230V	4"	0	113	2.6	1000
	4"	0.1	101	2.4	1000
	4"	0.25	83	2.9	1000
	6"	0	126	1.7	950
	6"	0.1	112	1.9	950
	6"	0.25	93	2.4	950
PC150-60-230V	6"	0	158	2.9	1050
	6"	0.1	144	2.7	1050
	6"	0.25	124	2.8	1050

230V, 50Hz Models					
Model	Duct Size	Static Pressure	CFM	Sones*	RPM
PC80X-50-230V	4"	0	95	2.0	850
	4"	0.1	82	2.3	850
	4"	0.25	60	2.8	850
	6"	0	108	1.3	800
	6"	0.1	93	1.4	800
	6"	0.25	69	1.8	800
PC110X-50-230V	4"	0	112	2.1	950
	4"	0.1	101	2.2	950
	4"	0.25	79	2.9	950
	6"	0	128	1.7	900
	6"	0.1	114	1.8	900
	6"	0.25	90	2.3	900
PC150-50-230V	6"	0	165	3.2	1000
	6"	0.1	153	3.0	1000
	6"	0.25	133	3.0	1000

S&P USA Ventilation Systems, LLC., Div. of Soler & Palau Ventilation Group, certifies that the Models PC shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.

The performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. Performance is based on actual speed of test. The sound ratings are loudness values in fan sones at 5' (1.5m) in a hemispherical free field calculated per AMCA Std. 301. Values shown are for Installation Type B: Free inlet fan sone levels. Air performance shown is for Installation Type B: Free inlet, Ducted outlet.

*The difference between sone values certified by HVI for residential use and by AMCA for commercial/industrial use is mainly due to the ANSI S3.4 procedures used to convert measured sound to perceived sound, and because HVI and AMCA have different rules for rounding sone values. ANSI S3.4 specifies a procedure for calculating loudness as perceived by a typical listener under specific conditions. HVI establishes values in a spherical free field at a distance of 5 feet from the fan. AMCA establishes values in a hemispherical free field at a distance of 5 feet from the fan. It is not possible to achieve an exact comparison of HVI and AMCA sone values.

What is a Sone?

A sone is a unit of how loud a sound is perceived. The sone scale is linear. Doubling the perceived loudness doubles the sone value The lower the sone value, the more comfortable the listening environment. One sone is equivalent to a quiet refrigerator. The quietest possible sone rating is <0.3 sones.