



PCD300

CEILING EXHAUST FAN



Experience efficient ventilation with our multi-speed inline fan, powered by a high-performance EC motor, for residential and light commercial spaces. Perfect for homes, offices, restrooms, and workshops, ensuring optimal air quality while minimizing energy costs.

SPECIFICATIONS

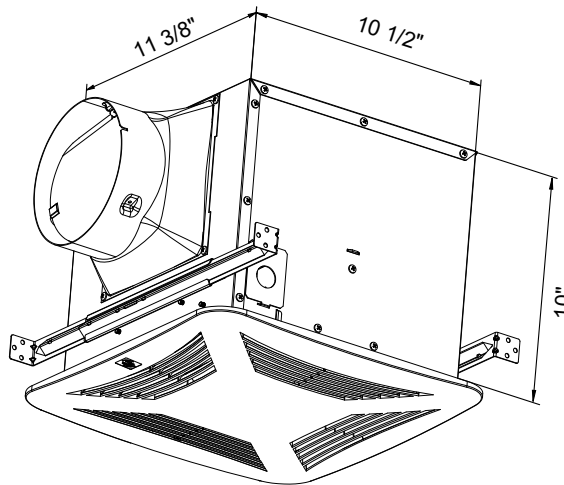
Standard Features:

- Designed for quiet continuous operation as an Inline Ceiling Exhaust Fan.
- Equipped with 4 adjustable speed settings: 300 CFM, 200 CFM, 150 CFM, 100 CFM with additional knob for speed control.
- Optional dual-speed operation, allowing low-speed continuous use and high-speed activation via a switch or humidity sensor.
- Built-in humidity sensor that lets the fan run on a user-adjustable setpoint.
- Built-in time delay setting.
- 22 GA galvanized steel housing construction.
- Built-in overload disconnect for safety and longer motor life.

Optional General Accessories:

- Plastic Grille: PCGP
- Metal Grille: PCMGP
- LED Light Grille: PCLEDKP
- Motion Sensing Grille: PCMRGP
- Motion Sensing LED Lighted Grille: PCDLEDMGP

DIMENSIONS



CERTIFICATIONS



S&P USA Ventilation Systems, LLC. certifies that PCD300IL shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA 211 and comply with the requirements of the AMCA Certified Rating Program.

FAN PERFORMANCE

AMCA PERFORMANCE														
AIRFLOW PERFORMANCE (CEILING EXHAUST)														
SPEED SETTING		STATIC PRESSURE IN INCHES W.G.												
		0	0.1	0.125	0.2	0.25	0.375	0.4	0.5	0.625	0.75	0.8	0.875	1
300 CFM	CFM	331	322	320	310	305	301	299	292	284	277	274	269	257
	HP	0.082	0.087	0.088	0.095	0.098	0.102	0.104	0.109	0.118	0.125	0.129	0.136	0.138
	EFFICACY (CFM/WATTS)				4.25									
200 CFM	CFM	244	238	236	227	225	221	221	216	213	213	207	205	204
	HP	0.033	0.038	0.039	0.047	0.05	0.055	0.056	0.063	0.073	0.082	0.085	0.094	0.103
	EFFICACY (CFM/WATTS)				6.53									
150 CFM	CFM	156	154	158	159	159	159	159	157	157	154	153	149	146
	HP	0.014	0.02	0.022	0.028	0.032	0.037	0.039	0.044	0.052	0.062	0.064	0.071	0.082
	EFFICACY (CFM/WATTS)				7.73									
100 CFM	CFM	116	111	110	110	110	109	109	109	108	106	105	105	105
	HP	0.008	0.012	0.013	0.019	0.023	0.027	0.027	0.032	0.04	0.048	0.05	0.057	0.064
	EFFICACY (CFM/WATTS)				7.61									

Note: Performance certified is for installation Type B: Free Inlet, Ducted Outlet. Performance rating do include the effects of appurtenances. AMCA Licensed performance ratings.





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FAN PERFORMANCE

HVI PERFORMANCE			
AIRFLOW PERFORMANCE (CEILING EXHAUST)			
SPEED SETTING		STATIC PRESSURE IN INCHES W.G.	
		0.1	0.25
300 CFM	CFM	318	308
	WATTS	68	74.2
	EFFICACY (CFM/WATTS)	4.68	4.15
200 CFM	CFM	226	218
	WATTS	29.9	36.2
	EFFICACY (CFM/WATTS)	7.56	6.02
150 CFM	CFM	160	159
	WATTS	15.1	21.7
	EFFICACY (CFM/ ATTS)	10.60	7.33
100 CFM	CFM	108	107
	WATTS	9.1	14.7
	EFFICACY (CFM/ WATTS)	11.87	7.28

