



AAVID  
THERMALLOY

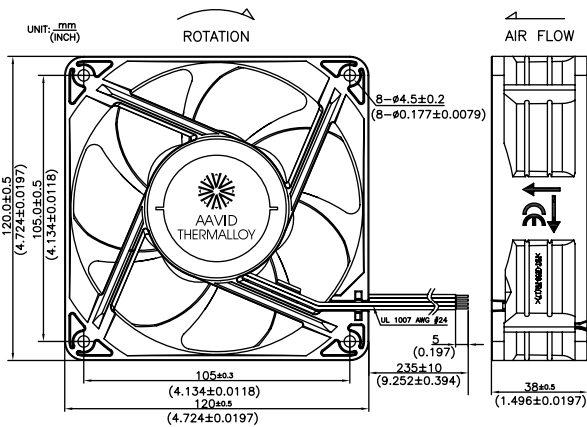
# Superior Series (PS) 120mm x 120mm x 38mm



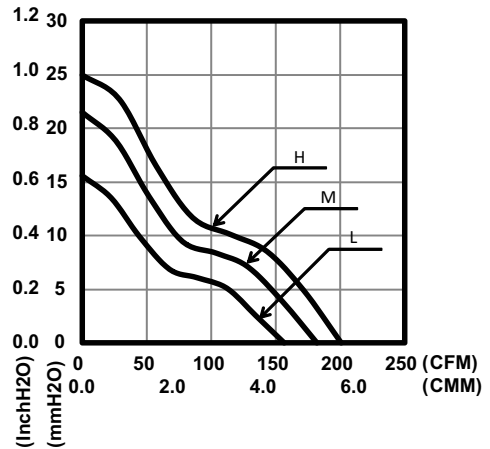
- » Bearing Type: Ball Bearing
- » Function Type (Optional): FG Signal, RD Signal, PWM
- » Protection:
  - Auto Restart Protection
  - Polarity Reverse Protection
- » Lead Wire:
  - UL 1007 AWG #24 or Equivalent
  - Red Wire: Positive (+)
  - Black Wire: Negative (-)
  - Yellow Wire: FG Signal
  - White Wire: RD Signal
  - Blue Wire: PWM

PS SERIES A238

## DIMENSIONS DRAWING



## PERFORMANCE CURVES



## SPECIFICATION



Model	Function Type	Rated Voltage	Operating Voltage	Rated Current	Input Current	Input Power	Rated Speed	Air Flow		Air Pressure		Noise
		VDC	VDC	Amp	Amp	Watt		RPM	CMM	CFM	mmH <sub>2</sub> O	
PSAD1A238BL	P000/PF00	12	6~13.8	0.91	0.73	8.76	3500	4.44	156.9	15.58	0.61	51.0
PSAD1A238BM	PR00/M000	12	6~13.8	1.35	1.08	12.96	4100	5.16	182.1	21.45	0.84	55.5
PSAD1A238BH	MF00/MR00	12	6~13.8	1.75	1.40	16.80	4600	5.69	200.9	25.00	0.98	59.5
PSAD2A238BL	P000/PF00	24	16~27.6	0.44	0.35	8.40	3500	4.44	156.9	15.58	0.61	51.0
PSAD2A238BM	PR00/M000	24	16~27.6	0.65	0.55	13.20	4100	5.16	182.1	21.45	0.84	55.0
PSAD2A238BH	MF00/MR00	24	16~27.6	0.88	0.70	16.80	4600	5.69	200.9	25.00	0.98	59.5
PSAD4A238BL	P000/PF00	48	30~55.2	0.23	0.18	8.64	3500	4.44	156.9	15.58	0.61	51.0
PSAD4A238BM	PR00/M000	48	30~55.2	0.34	0.27	12.96	4100	5.16	182.1	21.45	0.84	55.0
PSAD4A238BH	MF00/MR00	48	30~55.2	0.48	0.36	17.28	4600	5.69	200.9	25.00	0.98	59.5

\* Specifications are subject to change without notice



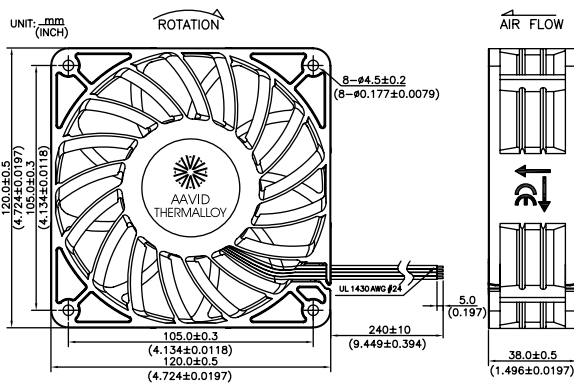
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# Excellence Series (PE) 120mm x 120mm x 38mm

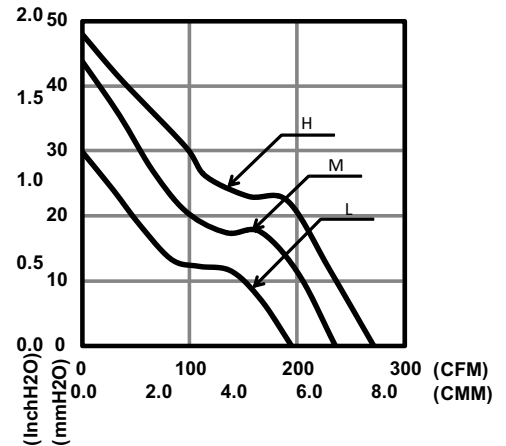


- » Bearing Type: Ball Bearing
- » Function Type (Optional): FG Signal, RD Signal, PWM
- » Protection:
  - Auto Restart Protection
  - Polarity Reverse Protection
- » Lead Wire:
  - UL 1430 AWG #24 or Equivalent
  - Red Wire: Positive (+)
  - Black Wire: Negative (-)
  - Yellow Wire: FG Signal
  - White Wire: RD Signal
  - Blue Wire: PWM

## DIMENSIONS DRAWING



## PERFORMANCE CURVES



## SPECIFICATION



Model	Function Type	Rated Voltage	Operating Voltage	Rated Current	Input Current	Input Power	Rated Speed	Air Flow		Air Pressure		Noise
		VDC	VDC	Amp	Amp	Watt	RPM	CMM	CFM	mmH <sub>2</sub> O	InH <sub>2</sub> O	
PEAD2A238BL	P000/PF00	12	6~13.8	2.25	2.00	24.00	4700	5.84	206.3	32.56	1.28	59.5
PEAD2A238BM	PR00/M000	12	6~13.8	3.69	3.00	36.00	5700	6.66	235.1	43.79	1.72	65.5
PEAD2A238BH	MF00/MR00	12	6~13.8	5.44	4.35	52.20	6500	7.68	271.2	47.99	1.89	68.5
PEAD2A238BL	P000/PF00	24	16~27.6	1.08	0.86	20.64	4700	5.84	206.3	32.56	1.28	59.5
PEAD2A238BM	PR00/M000	24	16~27.6	1.75	1.40	33.60	5700	6.66	235.1	43.79	1.72	65.5
PEAD2A238BH	MF00/MR00	24	16~27.6	2.63	2.10	50.40	6500	7.68	271.2	47.99	1.89	68.5
PEAD4A238BL	P000/PF00	48	30~55.2	0.54	0.43	20.64	4700	5.84	206.3	32.56	1.28	59.5
PEAD4A238BM	PR00/M000	48	30~55.2	0.88	0.70	33.60	5700	6.66	235.1	43.79	1.72	65.5
PEAD4A238BH	MF00/MR00	48	30~55.2	1.25	1.00	48.00	6500	7.68	271.2	47.99	1.89	68.5

\* Specifications are subject to change without notice