

- PFB 120 x 120 x 38 MM SERIES**

PFB12/24/48xE

This graph illustrates the relationship between Air Pressure and Air Flow for three different series: UH, GH, and EH. The Y-axis represents Air Pressure in both INCH H₂O and mm H₂O. The X-axis represents Air Flow in both CFM and M³/MIN.

Y-axis (Air Pressure):

- INCH H₂O: 0, 0.28, 0.56, 0.84, 1.12, 1.40, 1.68
- mm H₂O: 0, 7.0, 14.0, 21.0, 28.0, 35.0, 42.0

X-axis (Air Flow):

- CFM: 0, 50, 100, 150, 200, 250, 300
- M³/MIN.: 0, 1.6, 3.2, 4.8, 6.4, 8.0

Series:

- UH:** Highest pressure curve, starting at approximately 1.40 INCH H₂O at 0 CFM and dropping to 0.28 INCH H₂O at 100 CFM.
- GH:** Middle pressure curve, starting at approximately 1.12 INCH H₂O at 0 CFM and dropping to 0.28 INCH H₂O at 150 CFM.
- EH:** Lowest pressure curve, starting at approximately 0.84 INCH H₂O at 0 CFM and dropping to 0.28 INCH H₂O at 200 CFM.

Arrows indicate the direction of increasing air flow for each series.

MODEL		Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Maximum Air Flow		Maximum Air Pressure		Noise
PART NO.	FUNCTION	VDC	VDC	Amp	Watt	R.P.M.	m ³ /min	CFM	mmH ₂ O	IN H ₂ O	dB-A
PFB1212EHE	-R00 / -F00	12	8.0 to 13.2	1.60	19.20	4000	5.133	181.27	19.078	0.751	59.0
PFB1224EHE	-R00 / -F00	24	14.0 to 26.5	0.90	21.60						
PFB1248EHE	-R00 / -F00	48	30.0 to 56.0	0.45	21.60						
PFB1212GHE	-R00 / -F00	12	8.0 to 13.2	2.70	32.40	4800	6.167	217.80	27.308	1.075	64.0
PFB1224GHE	-R00 / -F00	24	14.0 to 26.5	1.35	32.40						
PFB1248GHE	-R00 / -F00	48	30.0 to 56.0	0.68	32.64						
PFB1224UHE	-R00 / -F00	24	14.0 to 26.5	2.00	48.00	5500	7.160	252.85	35.877	1.412	66.5
PFB1248UHE	-R00 / -F00	48	30.0 to 56.0	1.00	48.00						

- * Function type is optional.
- * The max. air flow and the speed are measured in free air ; max. air pressure is measured at zero air flow.
- * Noise is measured in anechoic chamber in free air, one meter from intake side.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.