DC Brushless Axial Fan

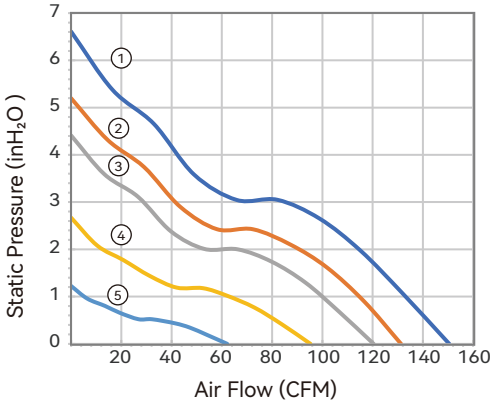
80X80X38 mm

High Static Pressure

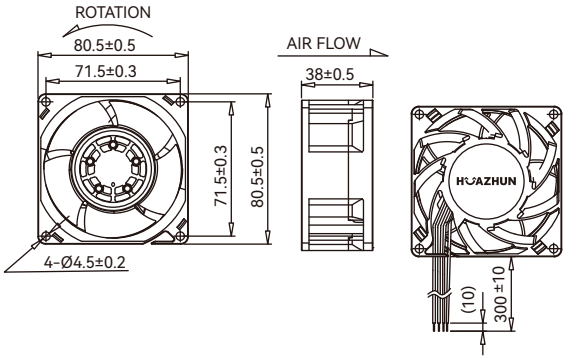
iCLOUD Fan Series
RoHS compliant

- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-/FG/PWM
- Weight: 230 g
- Lead Wires : UL10368 AWG22 OR Equivalent

Air Flow-Static Pressure Characteristics



Dimensions Drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
	VDC	VDC	℃	RPM	Amp	Watts	CFM	m³/min	inH_2O	mmH_2O	dB(A)
① A380381H BQ4010	12	10.8~13.2	-10~70	18000	5.900	70.80	150.50	4.30	6.61	167.9	76.1
② A380381H BQ4020	12	10.8~13.2	-10~70	16000	4.400	52.80	131.30	3.70	5.20	132.0	73.2
③ A180381H BQ4030P0	12	6.5~13.2	-10~70	14500	3.350	40.20	120.40	3.40	4.41	112.0	71.9
④ A180381H BQ4050P0	12	6.5~13.2	-10~70	11500	1.560	18.70	95.20	2.70	2.67	67.8	65.0
⑤ A180381H BQ4070P0	12	6.5~13.2	-10~70	7500	0.510	6.09	62.10	1.80	1.14	31.1	55.0
① A380382H BQ4010	24	21.6~26.4	-10~70	18000	2.980	71.40	150.50	4.30	6.61	167.9	76.1
② A380382H BQ4020	24	21.6~26.4	-10~70	16000	2.250	54.00	131.30	3.70	5.20	132.0	73.2
③ A180382M B40N30P0	24	21.6~26.4	-10~70	14500	1.680	40.20	120.40	3.40	4.41	112.0	71.9
④ A180382M B40N50P0	24	21.6~26.4	-10~70	11500	0.830	19.90	95.20	2.70	2.67	67.8	65.0
⑤ A180382M B40N70P0	24	21.6~26.4	-10~70	7500	0.250	6.09	62.10	1.80	1.14	31.1	55.0
① A180384H B40N10P0	48	36~57	-10~70	18000	1.490	71.40	150.50	4.30	6.61	167.9	76.1
② A180384H B40N20P0	48	36~57	-10~70	16000	1.130	54.00	131.30	3.70	5.20	132.0	73.2
③ A180384H B40N30P0	48	36~57	-10~70	14500	0.840	40.20	120.40	3.40	4.41	112.0	71.9
④ A180384H B40N50P0	48	36~57	-10~70	11500	0.420	19.90	95.20	2.70	2.67	67.8	65.0
⑤ A180384H B40N70P0	48	36~57	-10~70	7500	0.130	6.09	62.10	1.80	1.14	31.1	55.0

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Low Noise

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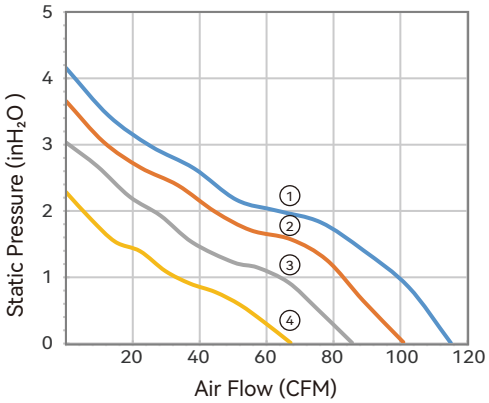
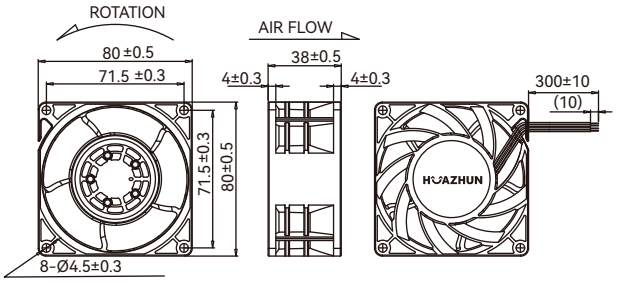
Air Flow-Static Pressure Characteristics



Dimensions Drawing (mm)



Model No.	Rated Voltage	Operating Voltage Range	Operating Temp.	Speed	Input Current	Input Power	Maximum Air Flow		Maximum Air Pressure		Noise @1M
	VDC	VDC	℃	RPM	Amp	Watts	CFM	m³/min	inH_2O	mmH_2O	dB(A)
① A380381HBQ 4N10	12	10.8~13.2	-10~70	16000	2.377	28.52	115.10	3.26	4.15	105.56	70.8
② A380381HBQ 4N20	12	10.8~13.2	-10~70	14000	1.653	19.83	100.89	2.86	3.65	92.87	67.9
③ A380381HBQ 4N30	12	10.8~13.2	-10~70	12000	1.104	13.25	85.53	2.42	3.03	77.00	64.5
④ A380381HBQ 4N40	12	10.8~13.2	-10~70	10000	0.707	8.48	67.17	1.90	2.28	58.00	60.6
① A380382HBQ 4N10	24	21.6~26.4	-10~70	16000	1.188	28.52	115.10	3.26	4.15	105.56	70.8
② A380382HBQ 4N20	24	21.6~26.4	-10~70	14000	0.826	19.83	100.89	2.86	3.65	92.87	67.9
③ A380382HBQ 4N30	24	21.6~26.4	-10~70	12000	0.552	13.25	85.53	2.42	3.03	77.00	64.5
④ A380382HBQ 4N40	24	21.6~26.4	-10~70	10000	0.353	8.48	67.17	1.90	2.28	58.00	60.6

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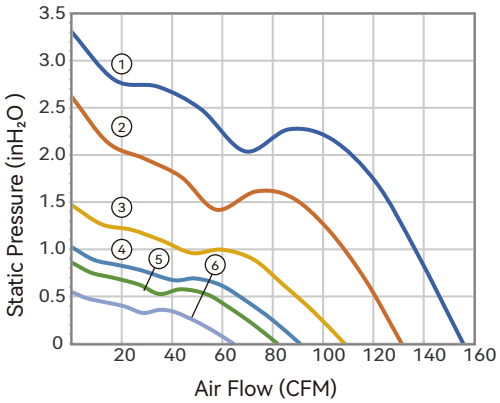
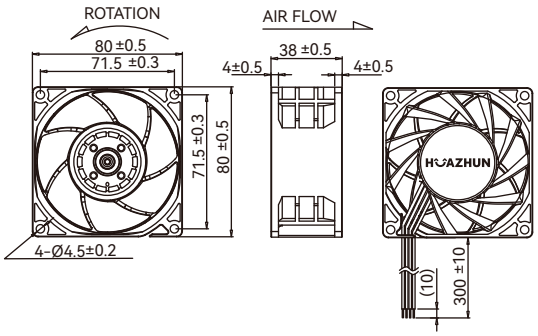
- Weight: 260 g
- Lead Wires : UL10368 AWG22 OR Equivalent

Air Flow-Static Pressure Characteristics



Dimensions Drawing (mm)



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	VDC	VDC	℃	RPM	Amp	Watts	CFM	m³/min	inH_2O	mmH_2O	dB(A)
① A380381H BQ4Q20	12	10.8~13.2	-10~70	14000	4.410	52.90	155.70	4.40	3.30	84.00	68.1
② A380381H BQ4Q30	12	10.8~13.2	-10~70	12000	2.770	33.30	131.30	3.70	2.62	66.60	65.1
③ A180381H B40N20Q0	12	10.8~13.2	-10~70	9900	2.000	24.00	108.60	3.10	1.47	37.30	61.5
④ A180381H B40N30Q0	12	10.8~13.2	-10~70	8300	1.170	14.00	90.80	2.60	1.02	26.00	55.0
⑤ A180381H B40N50Q0	12	10.8~13.2	-10~70	7500	0.960	11.50	81.80	2.30	0.86	21.90	53.0
⑥ A180381H B40N70Q0	12	10.8~13.2	-10~70	5900	0.360	4.30	64.30	1.80	0.55	13.90	46.1
① A380382H BQ4Q20	24	21.6~26.4	-10~70	14000	2.290	55.00	155.70	4.40	3.30	84.00	68.1
② A380382H BQ4Q30	24	21.6~26.4	-10~70	12000	1.390	33.30	131.30	3.70	2.62	66.60	65.1
③ A380382H BQ4Q50	24	21.6~26.4	-10~70	9900	1.000	24.00	108.60	3.10	1.47	37.30	61.5
④ A380382H BQ4Q60	24	21.6~26.4	-10~70	8300	0.580	14.00	90.80	2.60	1.02	26.00	55.0
⑤ A380382H BQ4Q70	24	21.6~26.4	-10~70	7500	0.480	11.50	81.80	2.30	0.86	21.90	53.0
⑥ A380382H BQ4Q80	24	21.6~26.4	-10~70	5900	0.180	4.30	64.30	1.80	0.55	13.90	46.1

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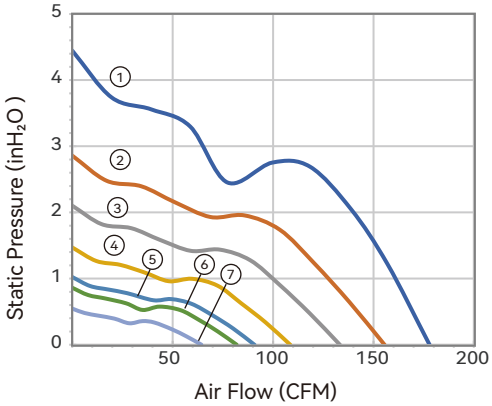

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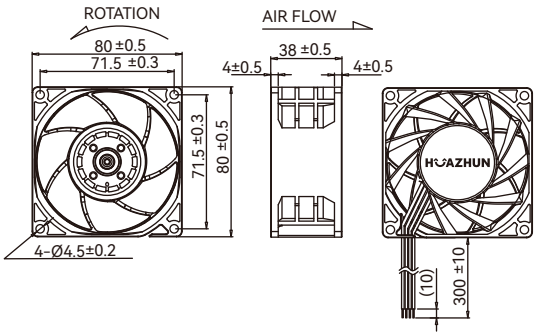

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		VDC	VDC	℃	RPM	Amp	Watts	CFM	m³/min	inH_2O	mmH_2O	dB(A)
① A180384H	B40N10Q0	48	36~60	-10~70	16000	1.640	78.90	178.00	5.00	4.44	113.00	72.5
② A180384H	B40N20Q0	48	36~60	-10~70	14000	1.140	55.00	155.60	4.40	2.86	72.70	68.1
③ A180384H	B40N30Q0	48	36~60	-10~70	12000	0.690	33.30	133.30	3.80	2.10	53.40	65.1
④ A180384H	B40N50Q0	48	36~60	-10~70	9900	0.500	24.00	108.60	3.10	1.47	37.30	61.5
⑤ A180384H	B40N60Q0	48	36~60	-10~70	8300	0.290	14.00	90.80	2.60	1.02	26.00	55.0
⑥ A180384H	B40N70Q0	48	36~60	-10~70	7500	0.240	11.50	81.80	2.30	0.86	21.90	53.0
⑦ A180384H	B40N80Q0	48	36~60	-10~70	5900	0.090	4.30	64.30	1.80	0.55	13.90	46.1

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