

HEYU TECHNOLOGY

Industrial Cooling Solutions

SMART AIR, BETTER LIFE

- ***AC Fans***
- ***DC Fans***
- ***EC Fans***
- ***Centrifugal Fans***
- ***Fan Controllers***
- ***OEM / ODM Solutions***



AC FANS

PRODUCT INDEX

SMART AIR, BETTER LIFE

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AC FANS

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SMART AIR, BETTER LIFE

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AC FANS

80×80×25 mm

(3.14×3.14×0.98)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

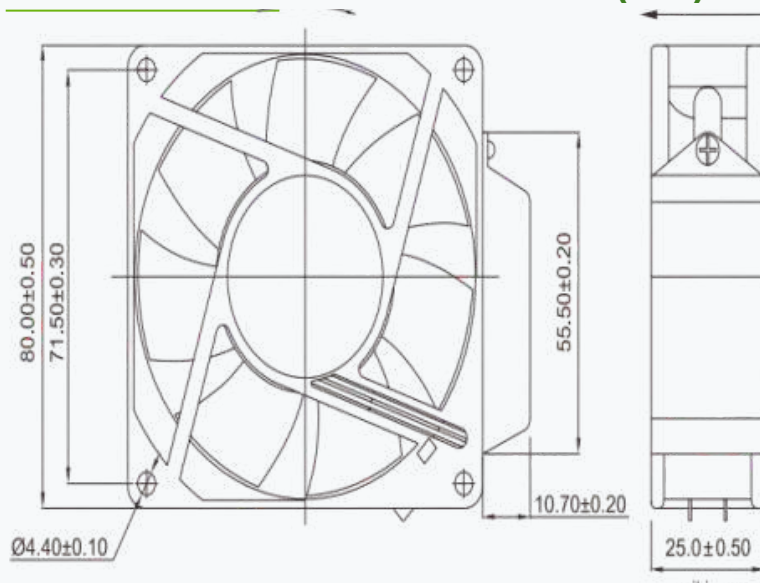
Motor Structure: DC Motor

Motor protection: Impedance Protected

Termination: Terminals or Lead wire

Weight: 138 g

Dimensions (mm)

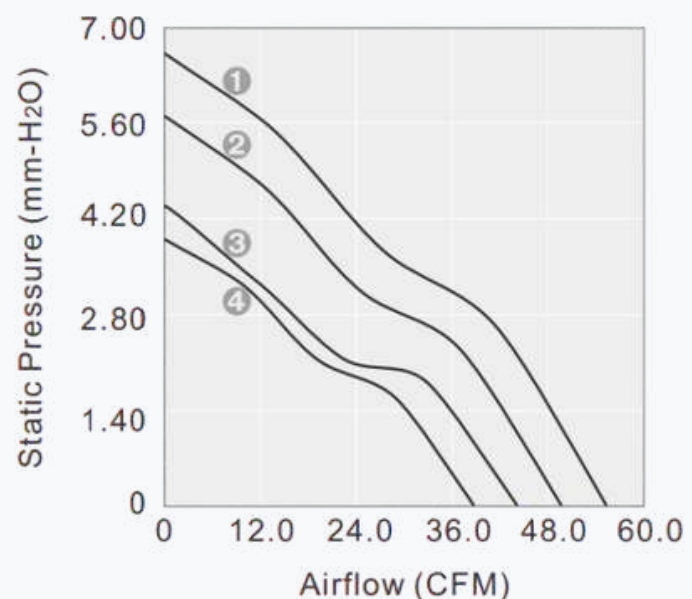


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY18025HB	115	50/60	0.16/0.19	3.4/4.3	3600/4000	49.6/55.1	5.7/6.6	42/45.5
HY28025HB	230	50/60	0.15/0.18	4.3/5.3	3600/4000	49.6/55.1	5.7/6.6	42/45.5

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

80×80×38 mm

(3.14×3.14×1.49 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range:

Ball: -20°C ~ +70°C, Sleeve: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

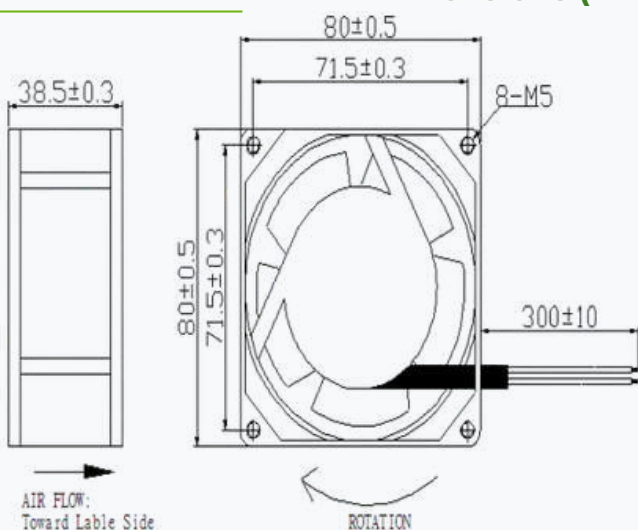
Motor Structure: Shaded Pole

Motor protection: Impedance Protected

Termination: Terminals or Lead wire

Weight: 320 g

Dimensions (mm)

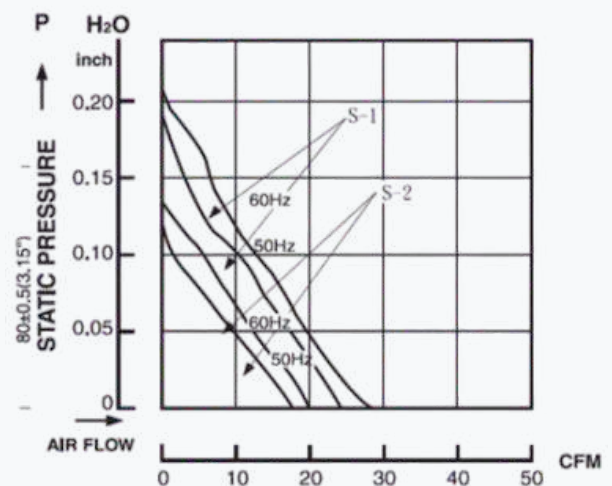


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY18038HB	115	50/60	0.14/0.12	13/12	2300/2700	26/30	4.31/6.09	30/35
HY28038HB	230	50/60	0.1/0.08	13/12	2300/2700	26/30	4.31/6.09	30/35

AC FANS

92×92×25 mm

(3.62x3.62x0.98 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic

Ambient Temperature Range:

Ball: -20°C ~ +70°C, Sleeve: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

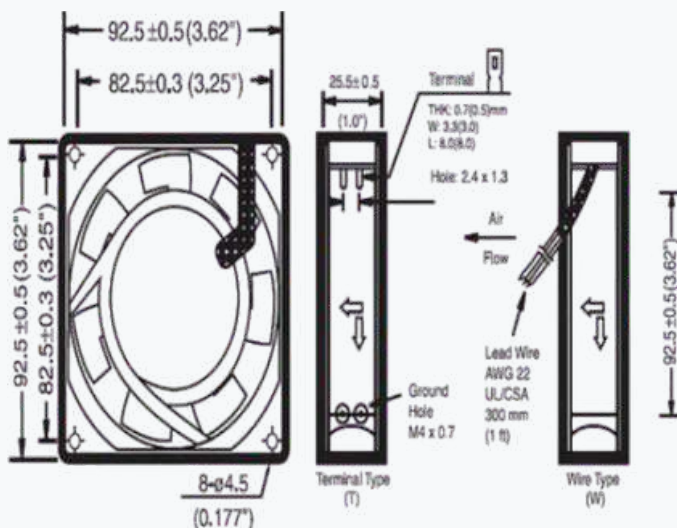
Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Terminals or Lead wire

Weight: 250 g

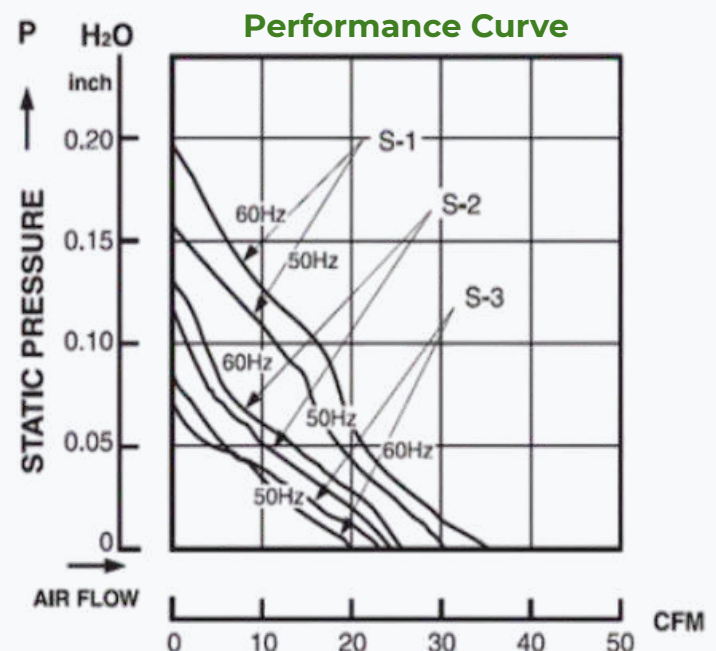
Dimensions (mm)



PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY19225HB	115	50/60	0.21/0.2	19/17	2400/2800	30/36	4/5.08	35/37
HY29225HB	230	50/60	0.1/0.09	19/17	2400/2800	30/36	4/5.08	35/37

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

92×92×38 mm

(3.62×3.62×1.49 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

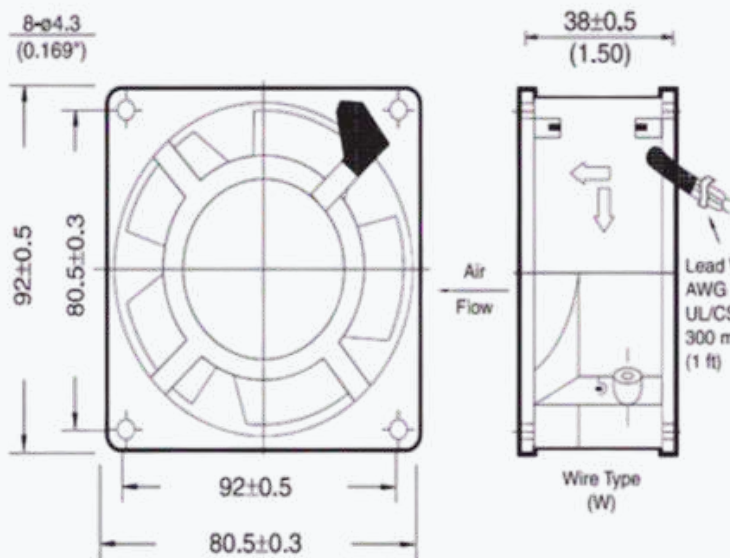
Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Lead wire

Weight: 430 g

Dimensions (mm)

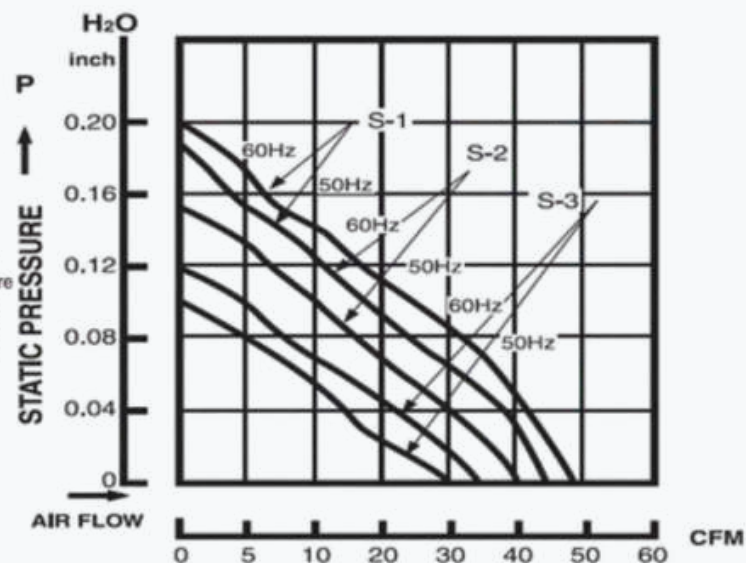


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY19238HB	115	50/60	0.15/0.12	10/9	2700/3000	40/45	4.31/5.08	35/37
HY29238HB	230	50/60	0.15/0.12	16/13	2700/3000	40/45	4.32/5.08	35/37

AC FANS

120×120×25 mm

(4.72×4.72×0.98 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Terminals & Lead wire

Weight: 380 g

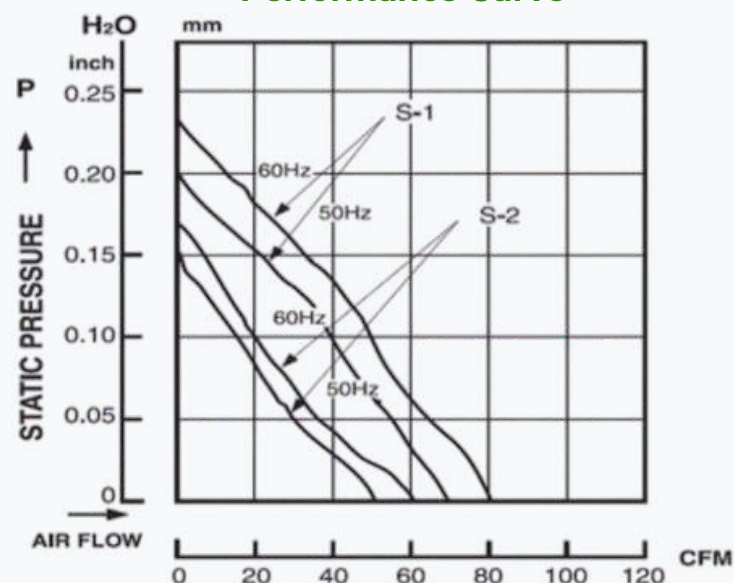


PLASTIC IMPELLER

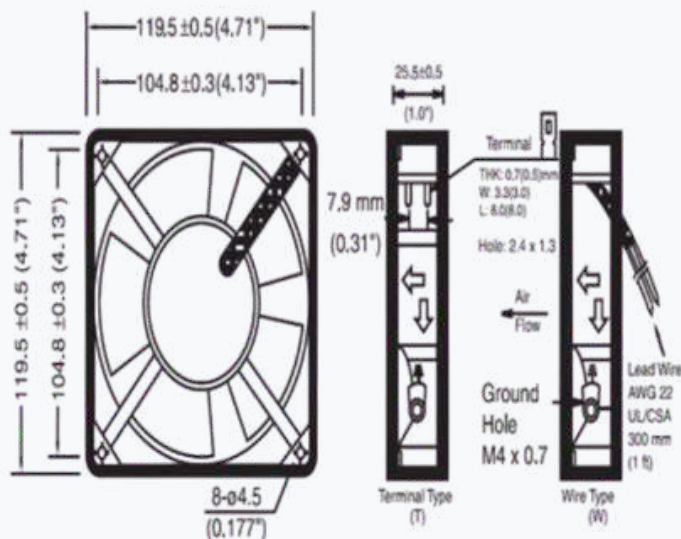
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Dimensions (mm)



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11225HB	115	50/60	0.19/0.18	18/16	2000/2350	64/80	5.08/5.84	42/44
HY21225HB	230	50/60	0.12/0.11	18/16	2000/2350	64/80	5.08/5.84	42/44

AC FANS

120×120×38 mm
(4.72x4.72x1.49 in)
High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Terminals & Lead wire

Weight: 600 g

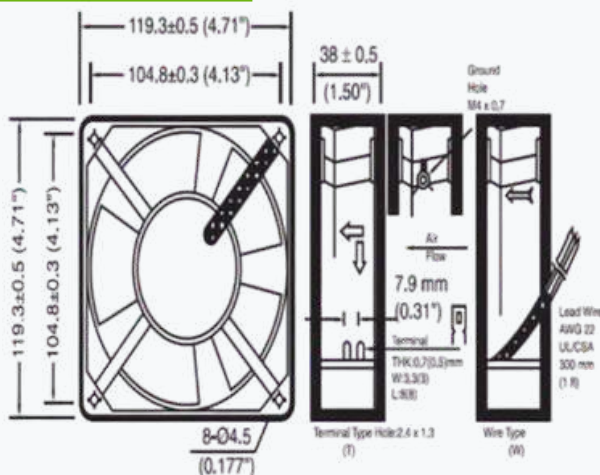


PLASTIC IMPELLER

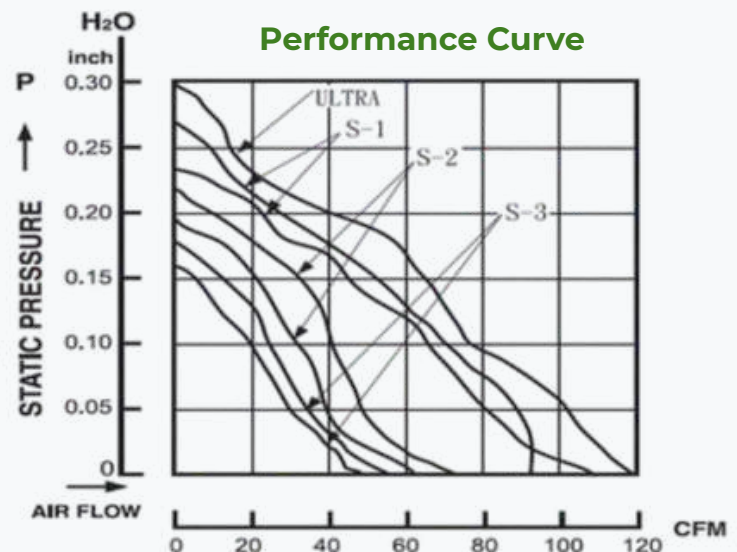
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11238XB	115	50/60	0.25/0.19	18/19	2700/3000	112/120	6.85/7.62	40/45
HY11238HB	115	50/60	0.24/0.18	18/17	2700/3000	80/105	5.84/7.11	42/47
HY21238XB	230	50/60	0.14/0.12	18/19	2700/3000	112/120	6.85/7.62	40/45
HY21238HB	230	50/60	0.24/0.18	18/17	2700/3000	80/105	5.84/7.11	42/47

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

127×127×38 mm (5x5x1.49 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

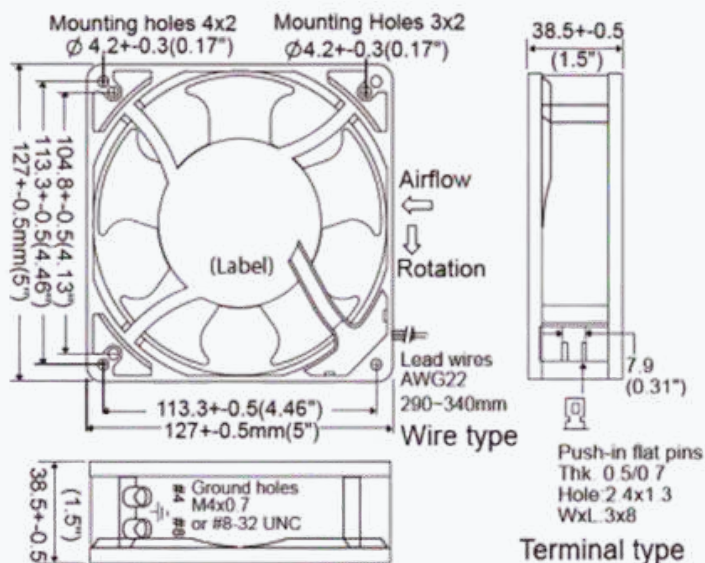
Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Terminals or Lead wire

Weight: 600 g

Dimensions (mm)

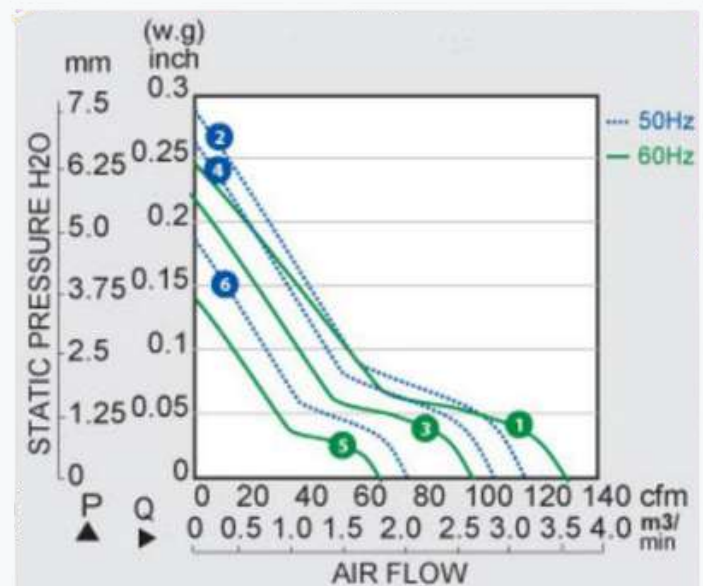


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11338HB	115	50/60	16/14	2600/2750	115/130	7.37/6.35	46
HY21338HB	230	50/60	16/14	2600/2750	115/130	7.37/6.35	46

AC FANS

160×160×62 mm

(6.3x6.3x2.4 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

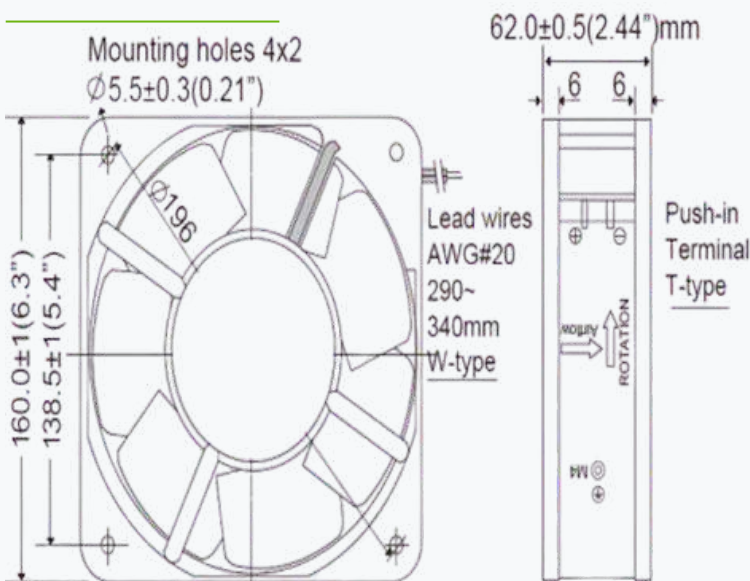
Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 1,400 g

Dimensions (mm)

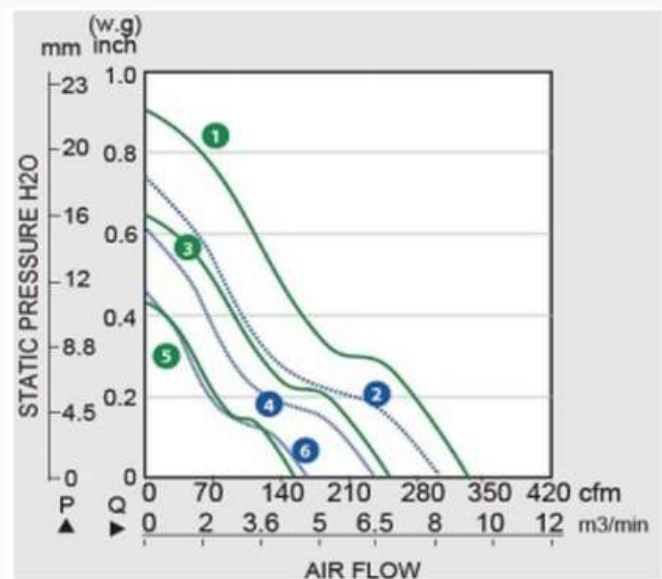


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11662HB	115	50/60	48/55	2700/3100	298/340	19.3/23.62	56
HY21662HB	230	50/60	48/55	2700/3100	298/340	19.3/23.62	56

AC FANS

172×150×38 mm

(6.77x6x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 800 g

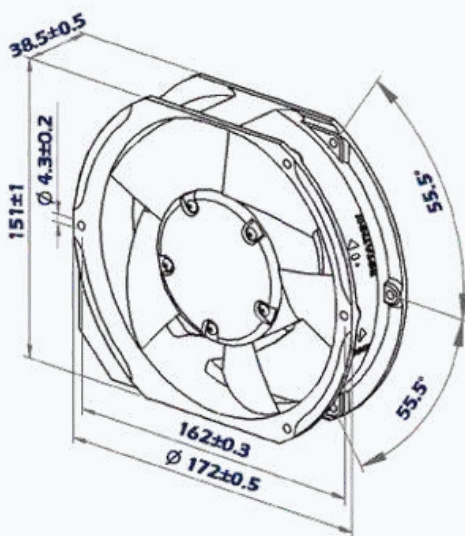


PLASTIC IMPELLER

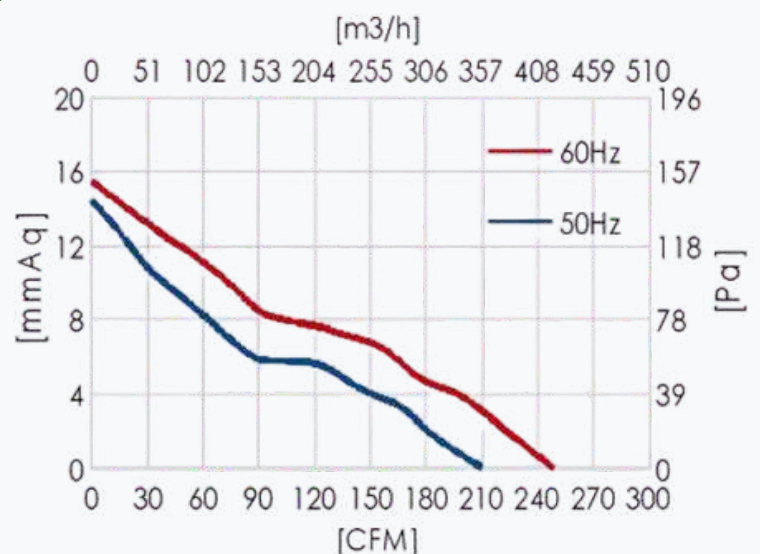
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HY11738HB	115	50/60	0.25/0.21	27/25	2700/3100	210/250	14/15.5	53/59	V
HY21738HB	230	50/60	0.11/0.1	25/25	2700/3100	210/250	14/15.5	53/59	V

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

172×150×51 mm

(6.77x6x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 1,050 g

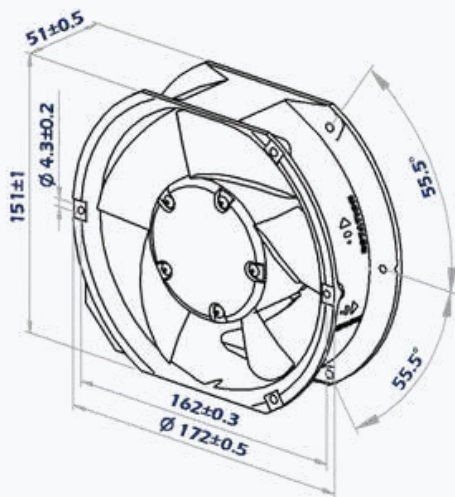


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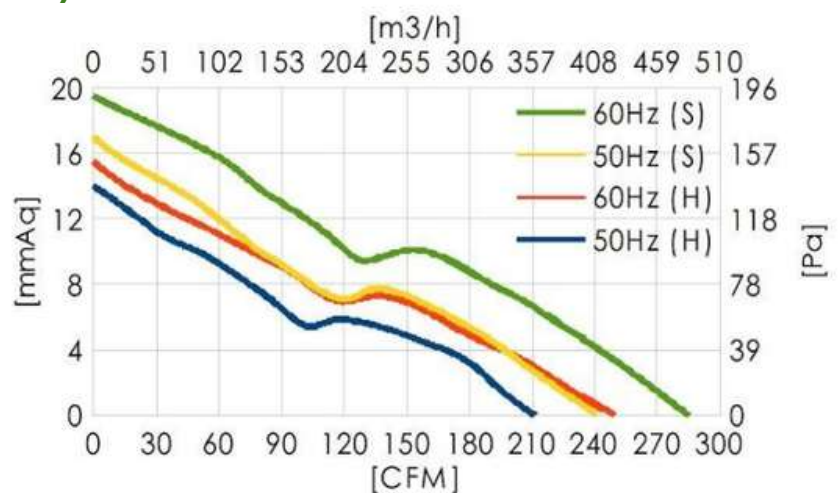
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HY11751XB	115	50/60	0.28/0.24	27/27	2800/3300	230/270	16.5/20	55/61	V
HY21751XB	230	50/60	0.11/0.12	24/27	2800/3300	230/270	16.5/20	55/61	V
HY11751HB	115	50/60	0.25/0.23	27/27	2650/3050	210/250	14/15.5	53/59	V
HY21751HB	230	50/60	0.11/0.11	26/26	2650/3050	210/250	14/15.5	53/59	V

AC FANS

EH 172×150×51 mm (6.77×6×2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 1,040 g

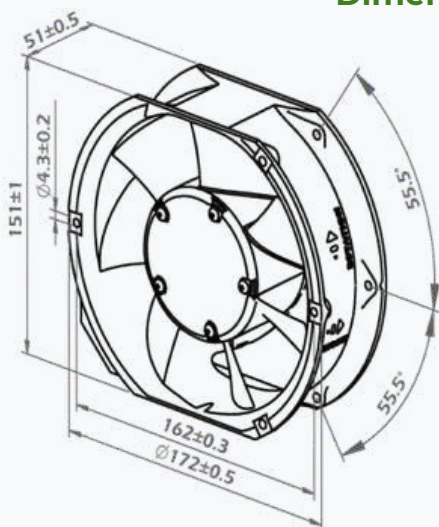


PLASTIC IMPELLER

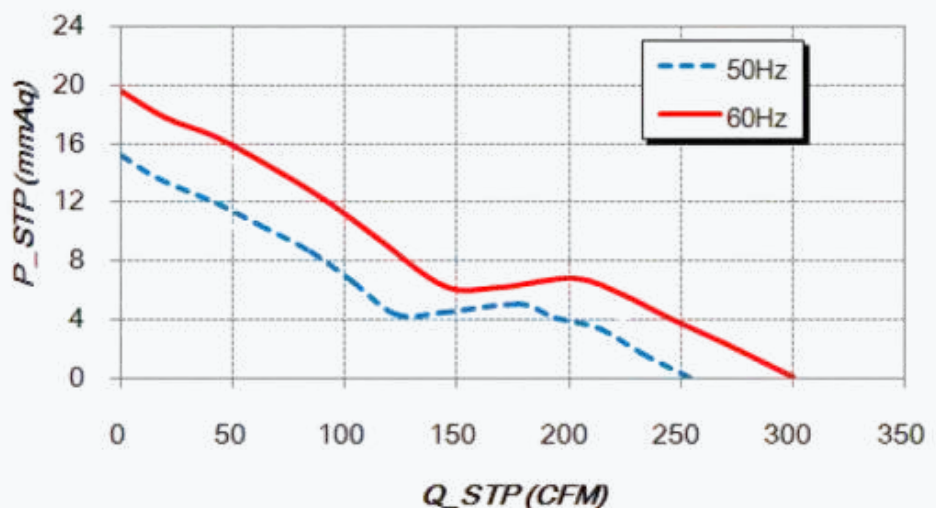
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11751UB	115	50/60	0.41/0.35	41/40	2800/3200	255/300	15.2/19.6	55/61
HY21751UB	230	50/60	0.19/0.17	39/40	2800/3200	255/300	15.2/19.6	55/61

AC FANS

172x150x51N mm

(6.77x5.9x2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Shaded Pole

Motor Protection: Impedance Protected

Termination: Terminals & Lead wire

Weight: 1,050 g

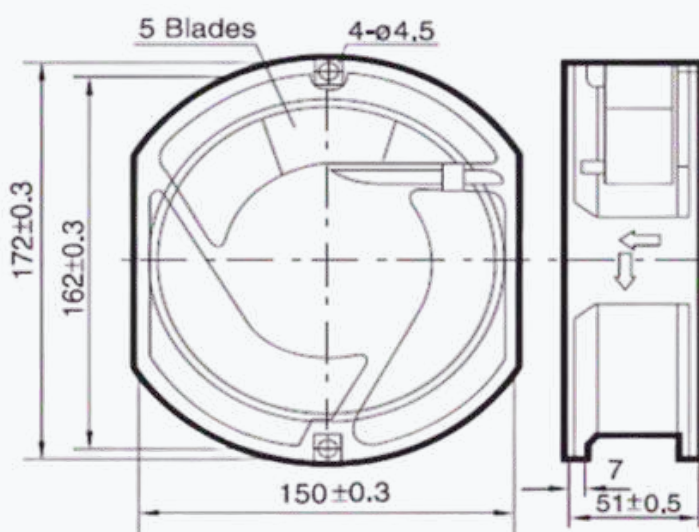


PLASTIC IMPELLER

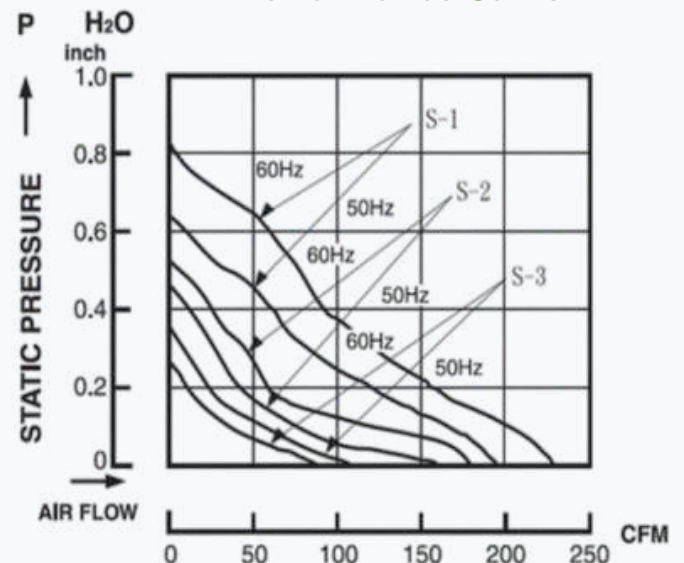
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11751HB-N	115	50/60	0.5/0.45	38/35	2800/3100	190/235	16/20.06	50/45
HY21751HB-N	230	50/60	0.23/0.21	32/31	2800/3100	190/235	16/20.06	50/45

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

ø172x51 mm

(ø6.77x 2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 1,050 g

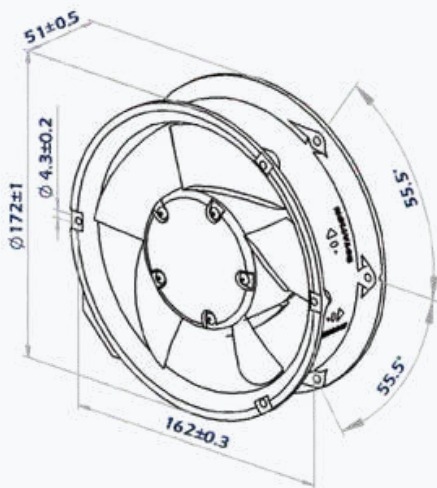


PLASTIC IMPELLER

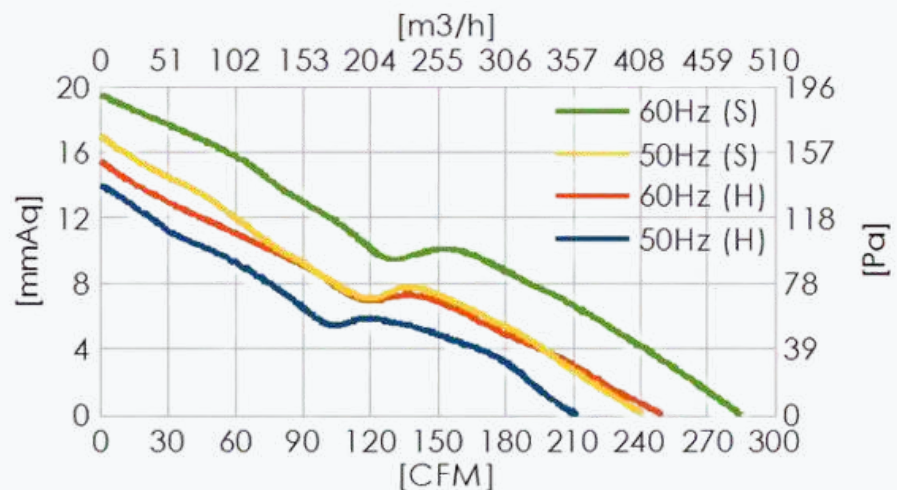
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HY11751XBø	115	50/60	0.28/0.24	27/27	2800/3300	240/285	17/20	55/61	V
HY21751XBø	230	50/60	0.11/0.12	24/27	2800/3300	240/285	17/20	55/61	V
HY11751HB	115	50/60	0.25/0.23	27/27	2650/3050	210/250	14/15.5	53/59	
HY21751HB	230	50/60	0.11/0.11	26/26	2650/3050	210/250	14/15.5	53/59	

AC FANS

EH ϕ 172x51 mm

(ϕ 6.8x2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm$ 10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

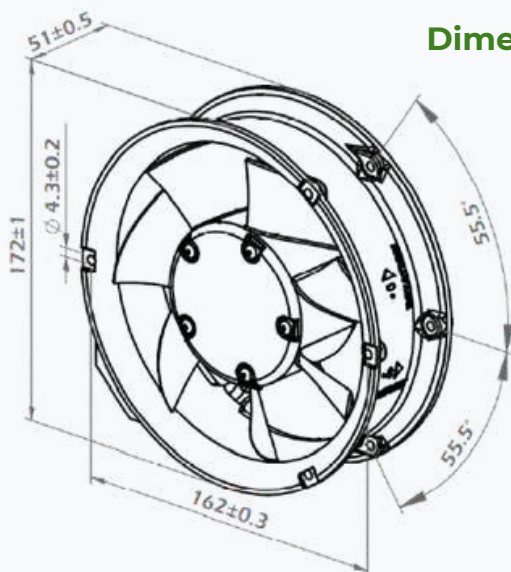
Weight: 1,040 g



PLASTIC IMPELLER

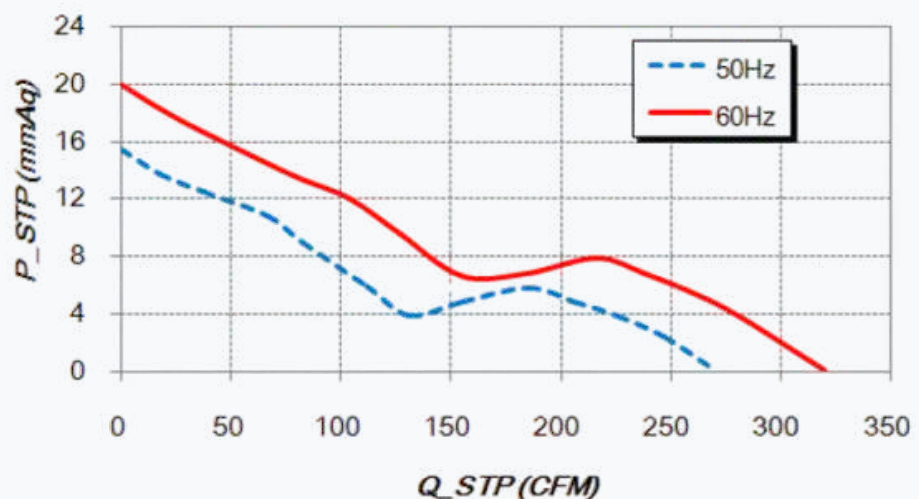
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems



Dimensions (mm)

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11751UB	115	50/60	0.41/0.35	41/40	2800/3200	270/320	15.5/20	55/61
HY21751UB	230	50/60	0.19/0.17	39/40	2800/3200	270/320	15.5/20	55/61

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

172x150x55 mm (6.77x6x2.16 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 950 g

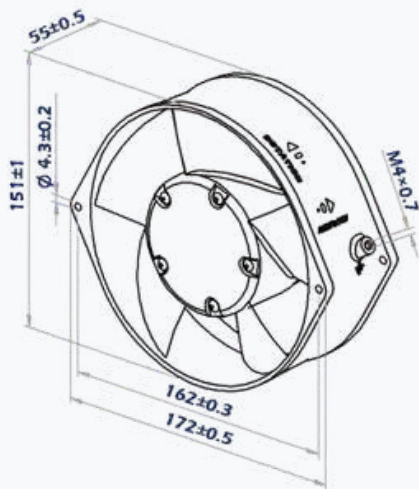


PLASTIC IMPELLER

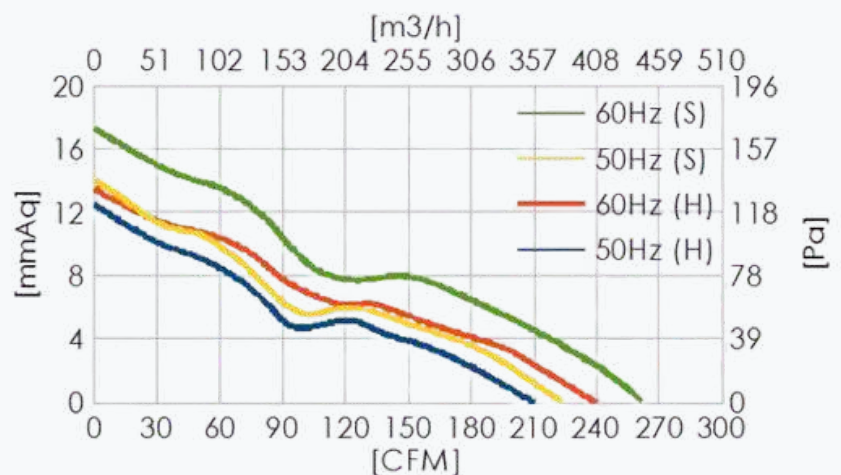
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HY11755XB	115	50/60	0.28/0.24	27/27	2800/3300	220/250	14/18	55/61	V
HY21755XB	230	50/60	0.11/0.12	24/27	2800/3300	220/250	14/18	55/61	V
HY11755HB	115	50/60	0.25/0.23	27/27	2650/3050	210/240	12.5/13.5	53/59	V
HY21755HB	230	50/60	0.11/0.11	26/26	2650/3050	210/240	12.5/13.5	53/59	V

AC FANS

176x176x89 mm (6.92x6.92x3.5 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 1,800 g

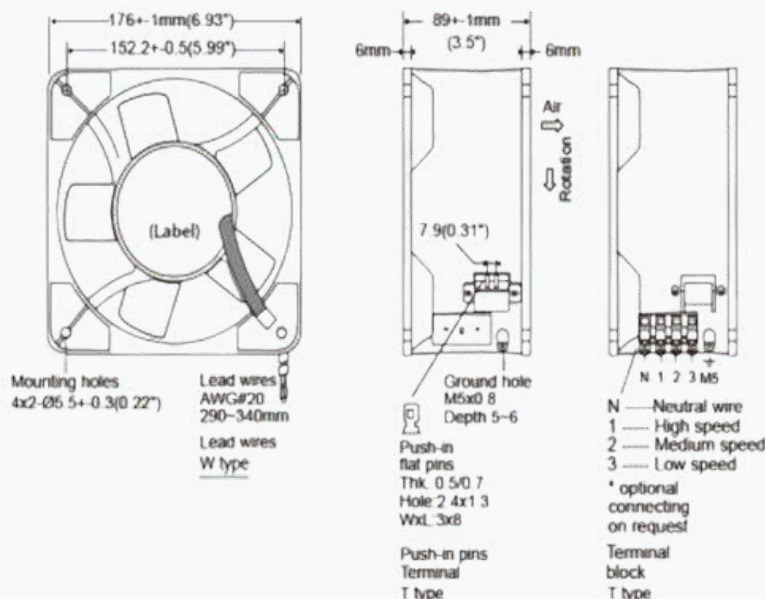


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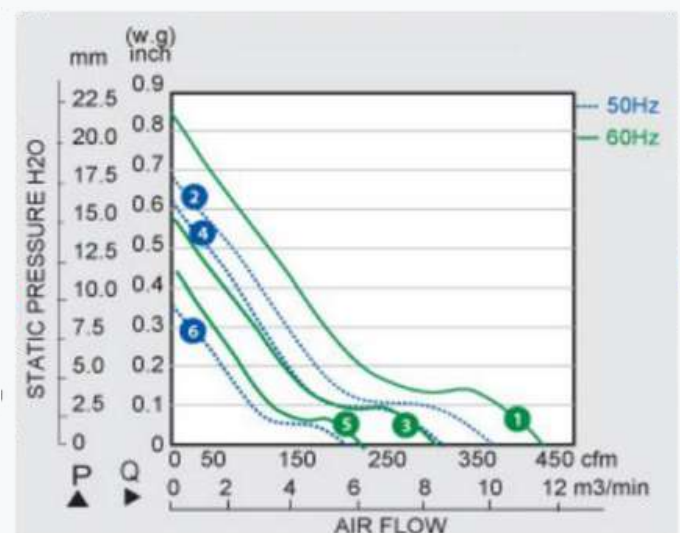
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11789HB	115	50/60	60/70	2750/3200	360/410	17.27/21.59	62
HY21789HB	230	50/60	60/70	2750/3200	360/410	17.27/21.59	62

Typical applications shown are for reference only. Product selection should be based on actual operating requirements.

AC FANS

180x180x65 mm (7.08x7.08x2.55 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 1,800 g

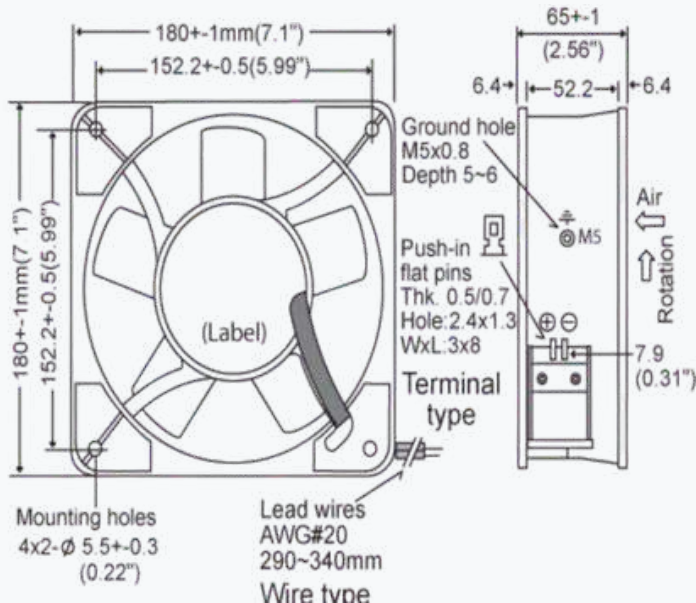


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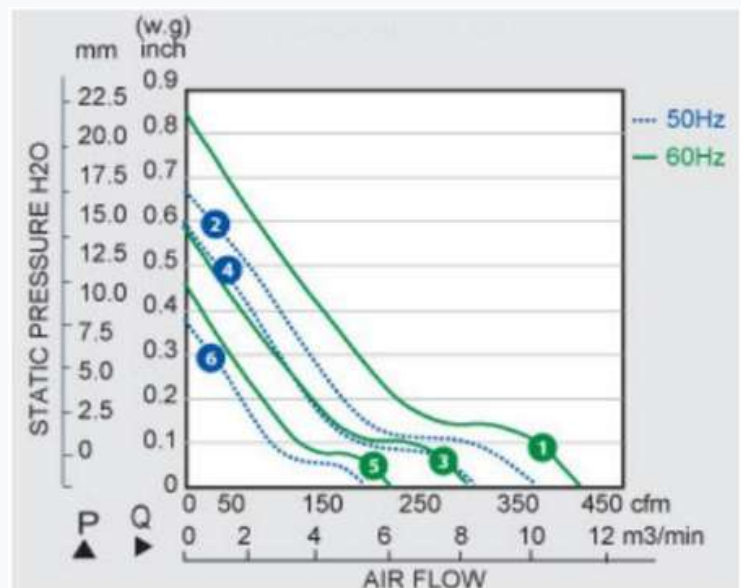
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11865HB	115	50/60	60/70	2800/3200	355/405	16.76/21.08	60
HY21865HB	230	50/60	60/70	2800/3200	355/405	16.76/21.08	60

AC FANS

180x180x90 mm (7.08x7.08x3.54 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball & Sleeve Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally or Impedance protected

Termination: Terminals or Lead wire

Weight: 2,200 g

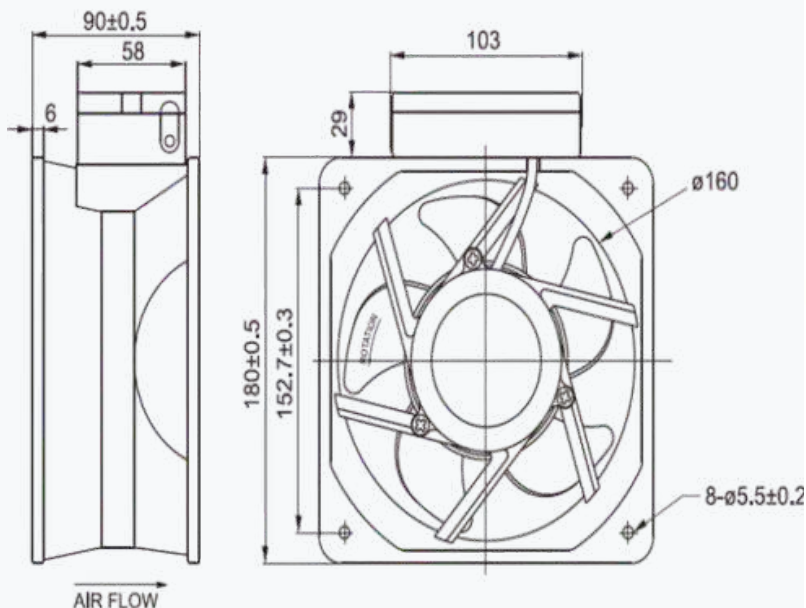


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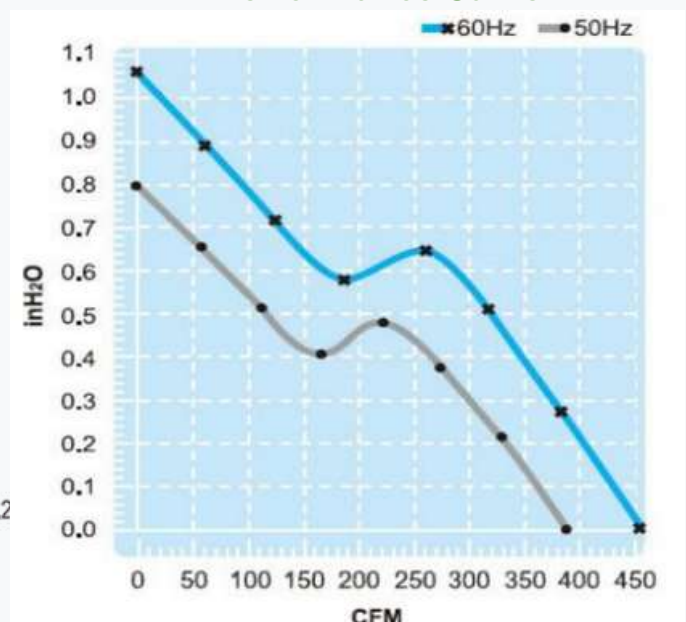
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY11890HB	115	50/60	0.88/0.63	78/72	2850/3400	390/460	20/27	54/59
HY21890HB	230	50/60	0.42/0.31	75/72	2850/3400	390/460	20/27	54/59

AC FANS

200x220x70 mm

(7.87x8.66x2.55 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 2,200 g

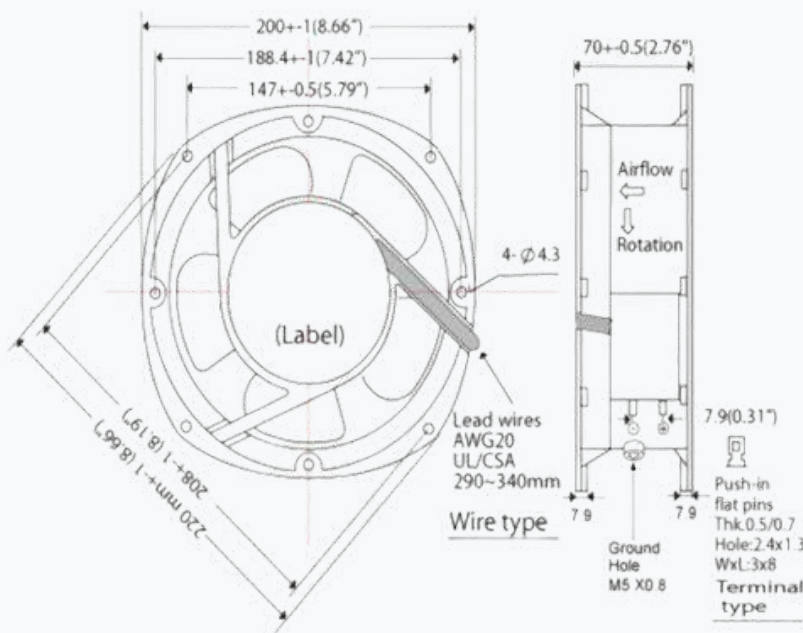


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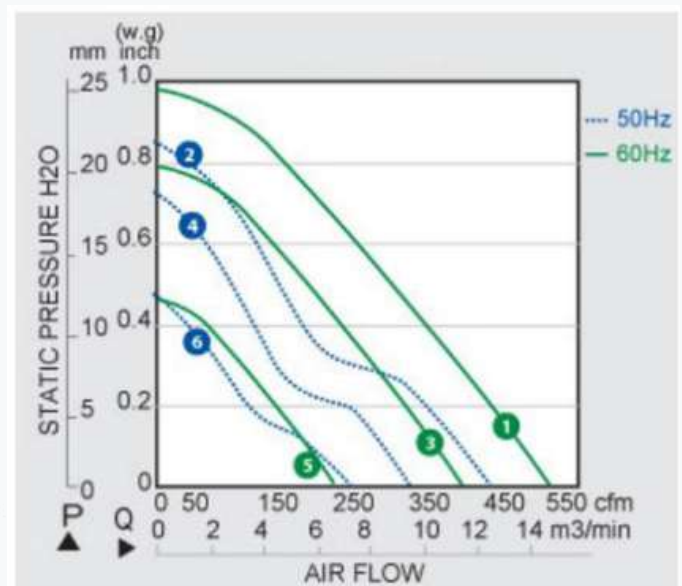
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY12070HB	115	50/60	60/75	2800/3200	440/510	21.59/24.64	66
HY22070HB	230	50/60	60/75	2800/3200	440/510	21.59/24.64	66

AC FANS

205x205x72 mm

(8x8x2.8 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 2,000 g

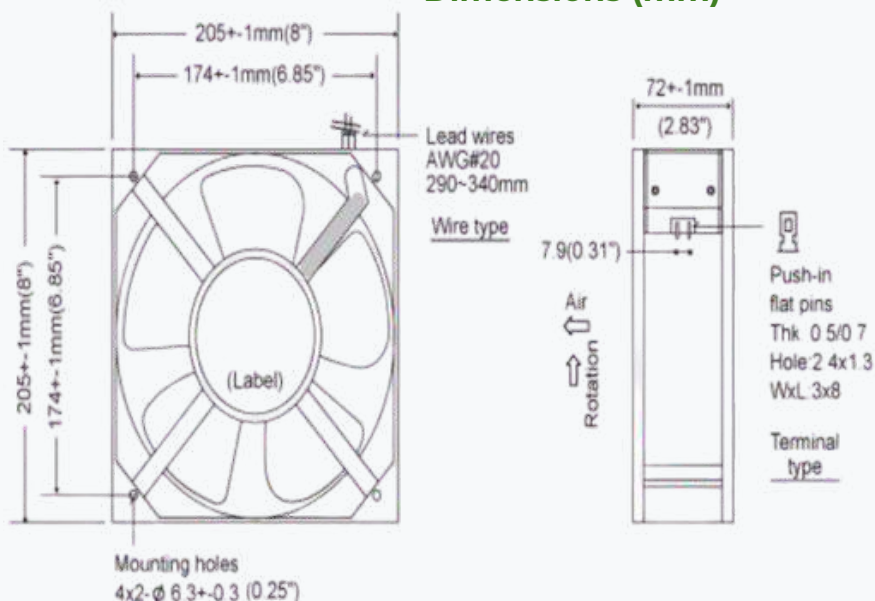


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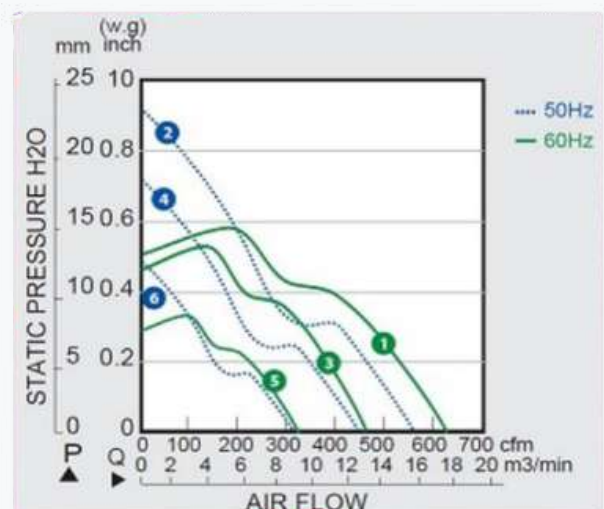
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY12072HB	115	50/60	60/75	2800/3150	587/660	23.11/17.78	69
HY22072HB	230	50/60	60/75	2800/3150	587/660	23.11/17.78	69

AC FANS

ø254x89 mm

(ø10x3.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +65°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

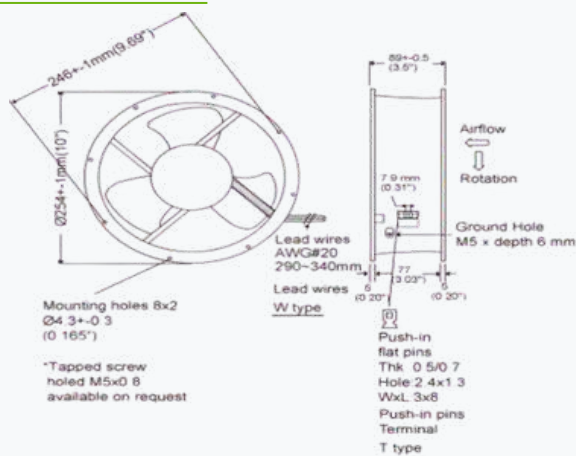
Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 2,460 g

Dimensions (mm)

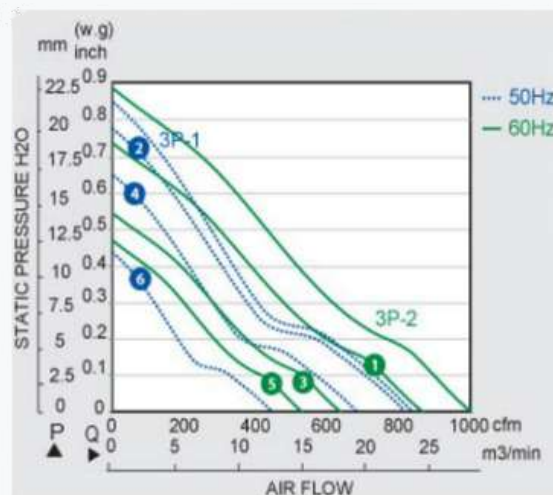


PLASTIC IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY12589UB	115	50/60	60/75	2800/3150	880/1000	30.48/27.94	70
HY12589XB	115	50/60	60/75	2600/2700	820/860	19.81/18.54	65
HY12589HB	115	50/60	60/70	2100/1950	680/630	12.95/9.91	58
HY22589UB	230	50/60	60/75	2800/3150	880/1000	30.48/27.94	70
HY22589XB	230	50/60	60/75	2600/2700	820/860	19.81/18.54	65
HY22589HB	230	50/60	60/70	2100/1950	680/630	12.95/9.91	58

AC FANS

ø254x107 mm (ø10x4.21 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball & Sleeve Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally or Impedance protected

Termination: Terminals or Lead wire

Weight: 2,500 g

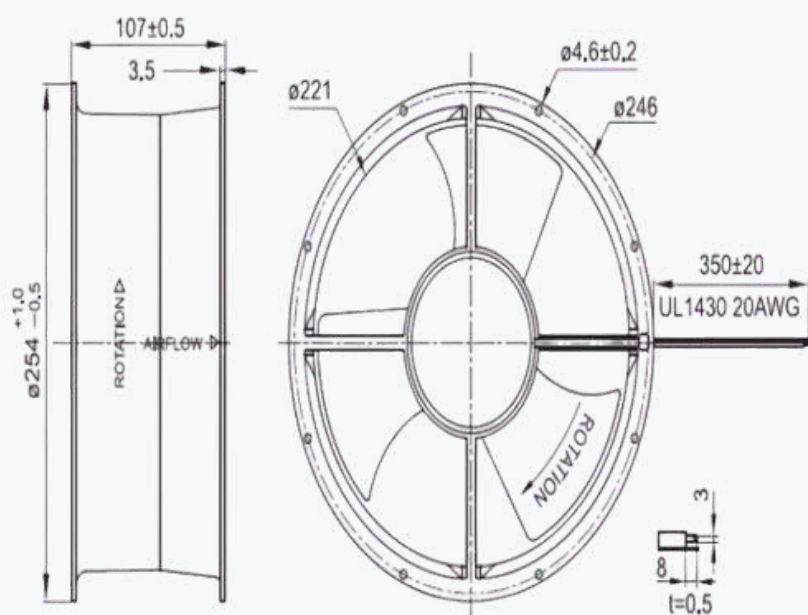


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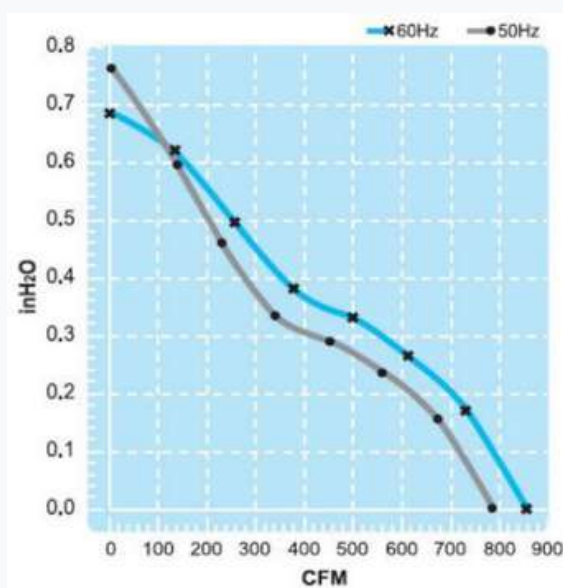
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY12511HB	115	50/60	0.85/1.07	95/125	2600/2750	780/850	19/17.5	63/65
HY22511HB	230	50/60	0.42/0.5	95/125	2600/2750	780/850	19/17.5	63/65

AC FANS

280x280x89 mm

(11x11x3.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Plastic (UL 94V-0 P.B.T)

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 3,950 g

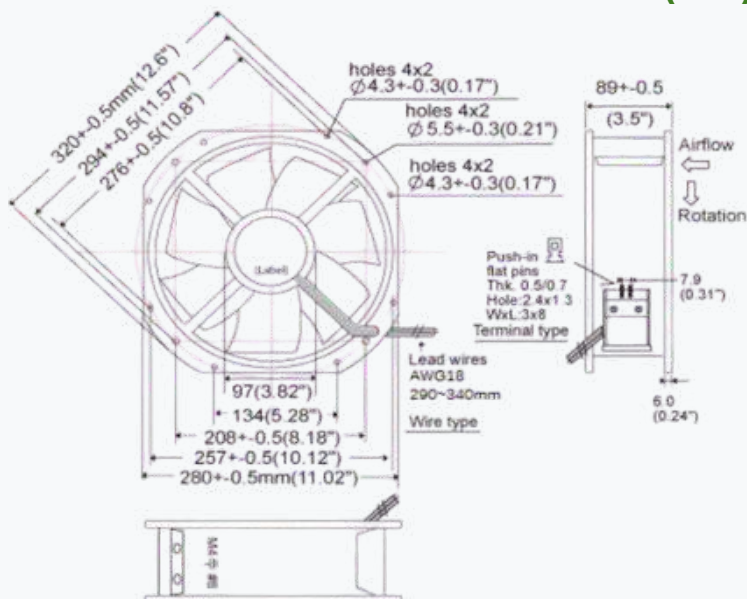


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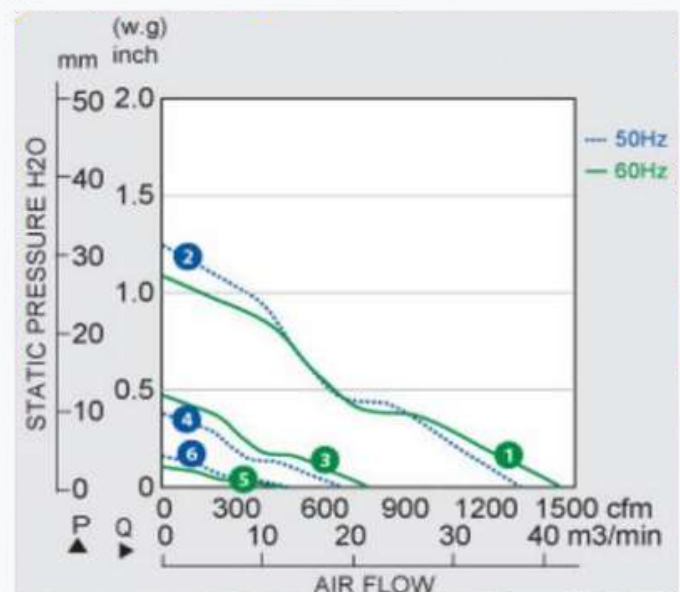
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HY12889HB	115	50/60	181/286	2800/3200	1300/1450	31.75/27.94	75
HY22889HB	230	50/60	181/286	2800/3200	1300/1450	31.75/27.94	75

AC FANS

80x80x38 mm

(3x3x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Shaded Pole, Outer Rotor, Single Phase

Motor Protection: Impedance Protected

Termination: Terminals or Lead Wire

Weight: 430 g

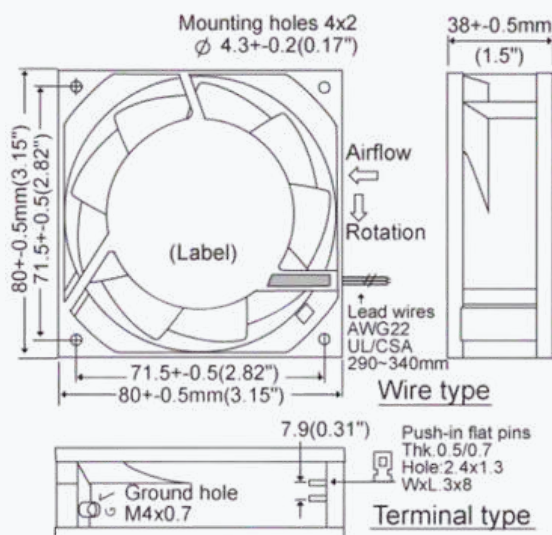


METAL IMPELLER

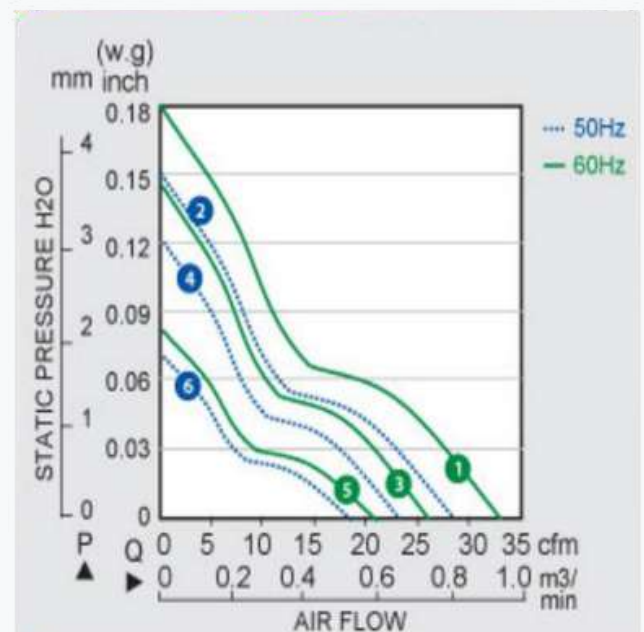
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM18038HB	115	50/60	15/13	2750/3200	28/33	3.81/4.57	35
HYM28038HB	230	50/60	15/13	2750/3200	28/33	3.81/4.57	35

AC FANS

92x92x38 mm

(3.6x3.6x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Shaded Pole, Outer Rotor, Single Phase

Motor Protection: Impedance Protected

Termination: Terminals or Lead Wire

Weight: 480 g

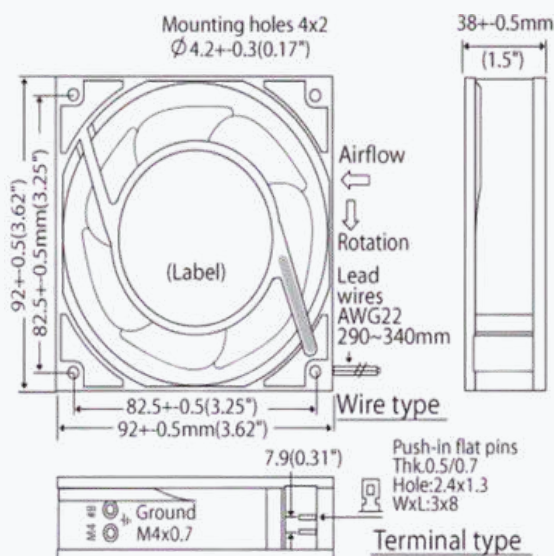


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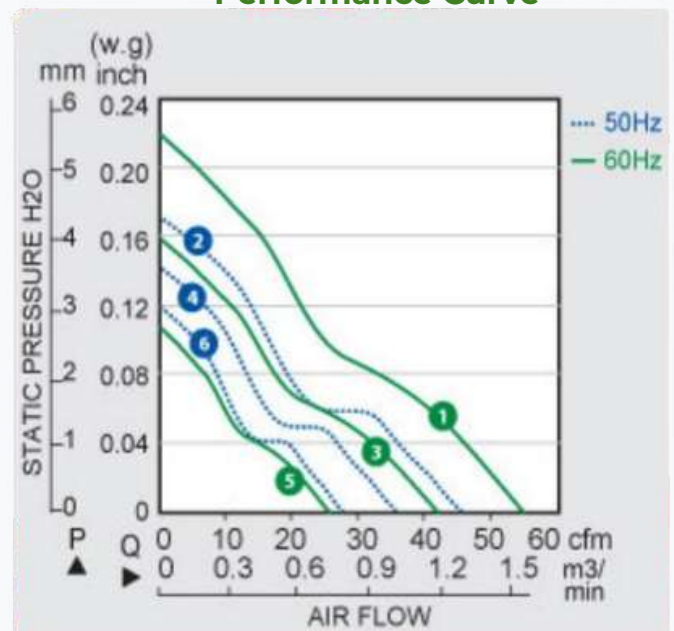
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM19238HB	115	50/60	17/15	2800/3300	47/55	4.32/5.59	40
HYM29238HB	230	50/60	17/15	2800/3300	47/55	4.32/5.59	40

AC FANS

120x120x38 mm

(4.7x4.7x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -10°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: AC External Rotor Capacitor Motor

Motor Protection: Impedance Protected

Termination: Terminals or Lead wire 310 ± 15 mm

Weight: 534 g

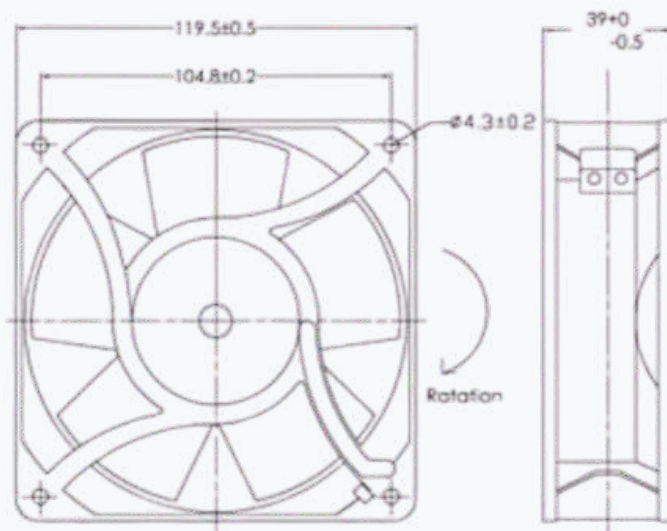


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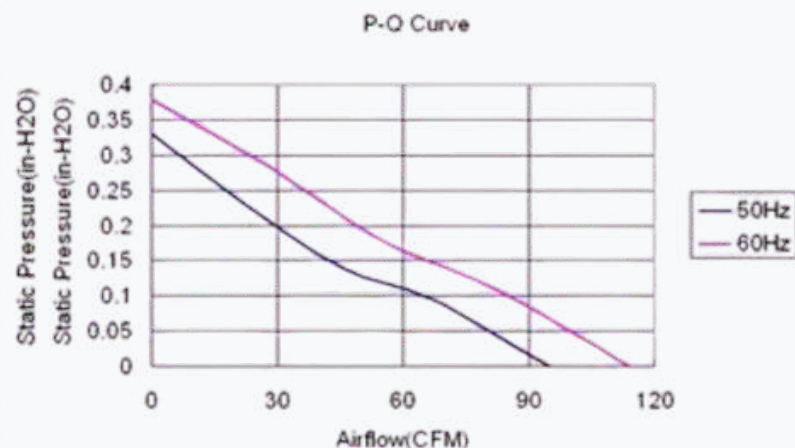
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM11238HB	115	50/60	0.13/0.11	12.5/11	2750/3250	105/123	7.11/8.89	47/49
HYM21238HB	230	50/60	0.06/0.06	12.5/11.5	2650/3150	103/120	7.11/8.89	47/49

AC FANS

127x127x38.5 mm

(5x5x1.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Shaded Pole Induction, Single Phase

Motor Protection: Impedance Protected

Termination: Terminals or Lead wire

Weight: 630 g

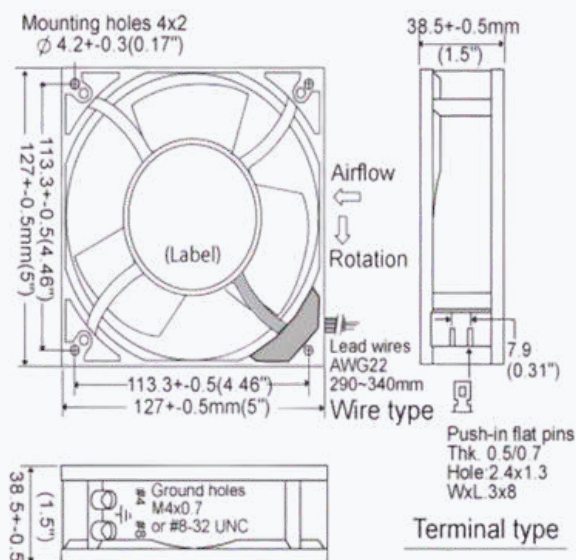


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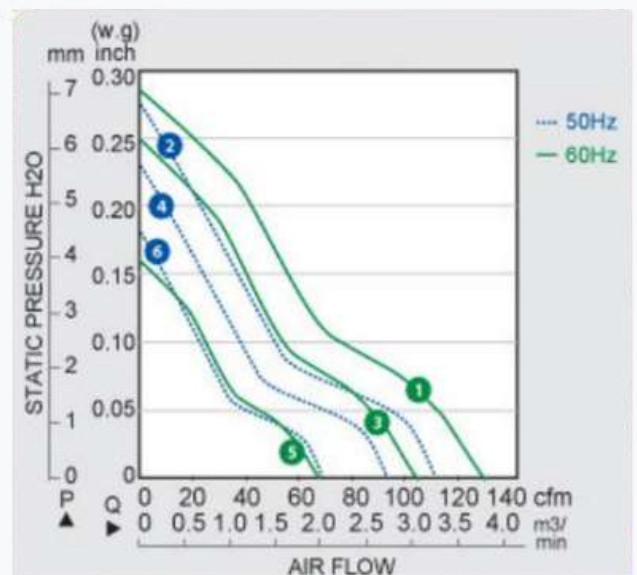
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM11338HB	115	50/60	29/26	2600/2950	110/128	6.86/7.37	48
HYM21338HB	230	50/60	29/26	2600/2950	110/128	6.86/7.37	48

AC FANS

172x150x51 mm

(6.77x6x2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Certification: TÜV & UL Approved

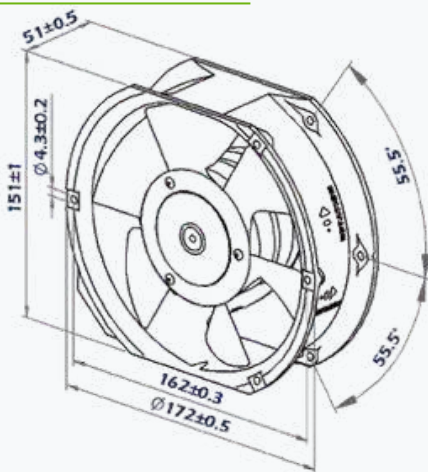
Motor Structure: Capacitor Induction Motor /
3 Phase

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire 300mm

Weight: 1,080 g

Dimensions (mm)

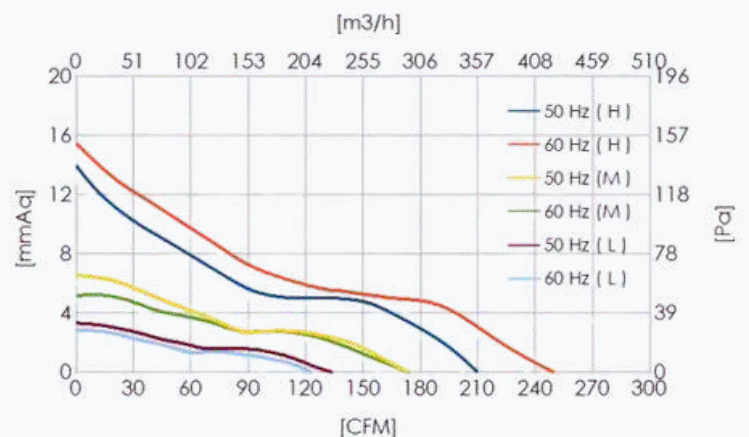


METAL IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HYM11751XB	115	50/60	0.27/0.23	26/26	2800/3300	230/270	16.5/20	55/61	V
HYM21751XB	230	50/60	0.1/0.11	23/26	2800/3300	230/270	16.5/20	55/61	V
HYM11751HB	115	50/60	0.25/0.21	27/25	2700/3100	210/250	14/15.5	53/59	V
HYM21751HB	230	50/60	0.11/0.12	26/27	2700/3100	210/250	14/15.5	53/59	V



AC FANS

172x150x51 mm

(6.77x6x2 in)

Specifications — Continued

Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HYM21751XB(3ø)	230	50/60	0.065/0.063	15/18	2800/3150	220/250	16.5/17	55/61	
HYM31751HB(3ø)	380	50/60	0.071/0.055	19/21	2800/3200	220/260	16.5/18	55/61	
HYM41751HB(3ø)	480	50/60	0.056/0.044	26/25	2800/3300	220/260	16.5/20	55/61	

AC FANS

ø172x51 mm

(ø6.77x2 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 1,080 g

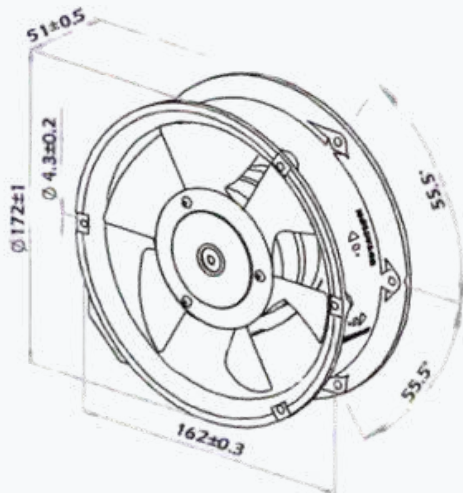


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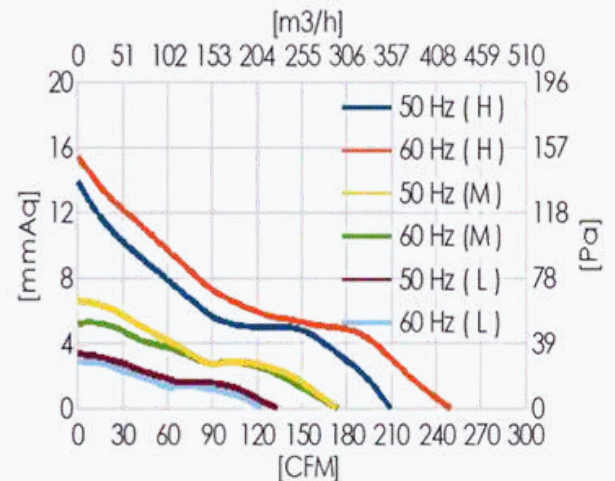
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HYM11751XBø	115	50/60	0.27/0.23	26/26	2800/3300	230/270	16.5/20	55/61	
HYM21751XBø	230	50/60	0.1/0.11	23/26	2800/3300	230/270	16.5/20	55/61	
HYM11751HBø	115	50/60	0.25/0.21	27/25	2700/3100	210/250	14/15.5	53/59	
HYM21751HBø	230	50/60	0.11/0.12	26/27	2700/3100	210/250	14/15.5	53/59	

AC FANS

172x150x55 mm (6.77x6x2 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum , Painted Black

Impeller: Steel Blades

Ambient Temperature Range: -20°C ~ +70°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Certification: TÜV & UL Approved

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected (Auto Restart)

Termination: Terminals or Lead wire

Weight: 980 g

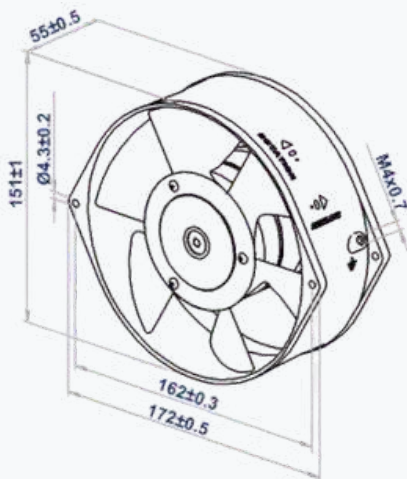


METAL IMPELLER

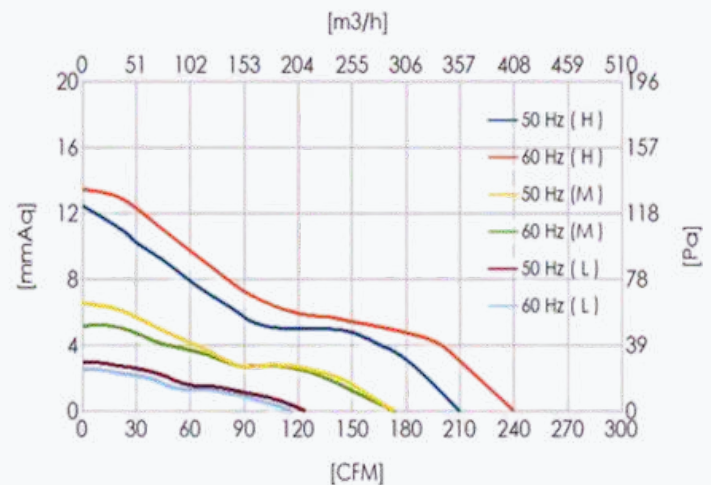
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HYM11755XB	115	50/60	0.27/0.23	26/26	2800/3300	210/240	13.5/17.5	55/61	
HYM21755XB	230	50/60	0.1/0.11	23/26	2800/3300	210/240	13.5/17.5	55/61	
HYM11755HB	115	50/60	0.25/0.21	27/25	2700/3100	210/240	12.5/13.5	53/59	V
HYM21755HB	230	50/60	0.11/0.12	26/27	2700/3100	210/240	12.5/13.5	53/59	V

AC FANS

176x176x89 mm (7x7x3.5 in) High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum , Painted Black

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor,
Single Phase

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 1850 g

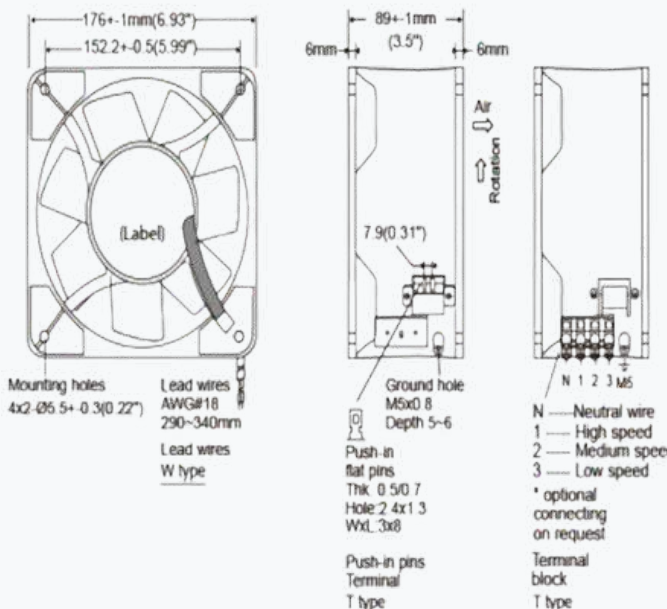


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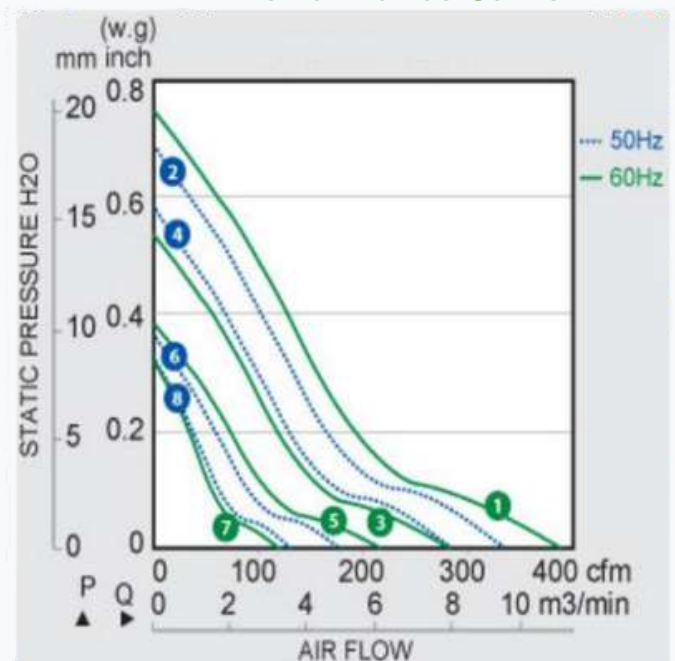
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM11789HB	115	50/60	60/80	2750/3250	330/380	17.53/19.3	63
HYM21789HB	230	50/60	60/80	2750/3250	330/380	17.53/19.3	63

AC FANS

180x180x65 mm

(7x7x2.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum , Painted Black

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor,
Single Phase

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 1,800 g

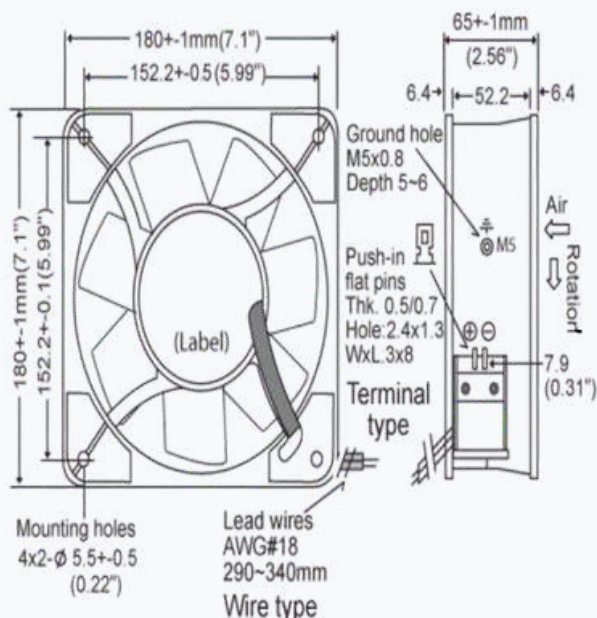
Dimensions (mm)



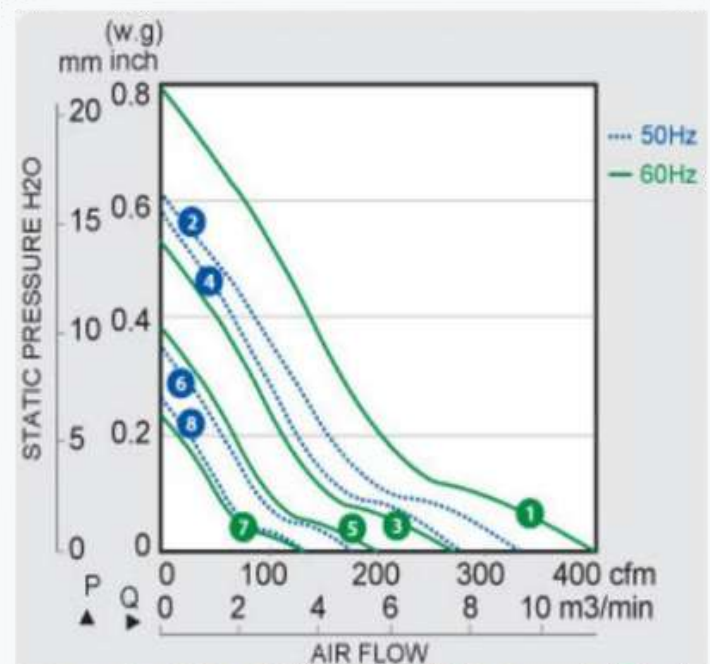
METAL IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM11865HB	115	50/60	60/80	2750/3250	330/400	15.24/20.32	65
HYM21865HB	230	50/60	60/80	2750/3250	330/400	19.05/20.32	65

AC FANS

200x220x70 mm

(8x8.6x2.8in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum , Painted Black

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: Capacitor Induction Motor, Single Phase

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 2,100 g

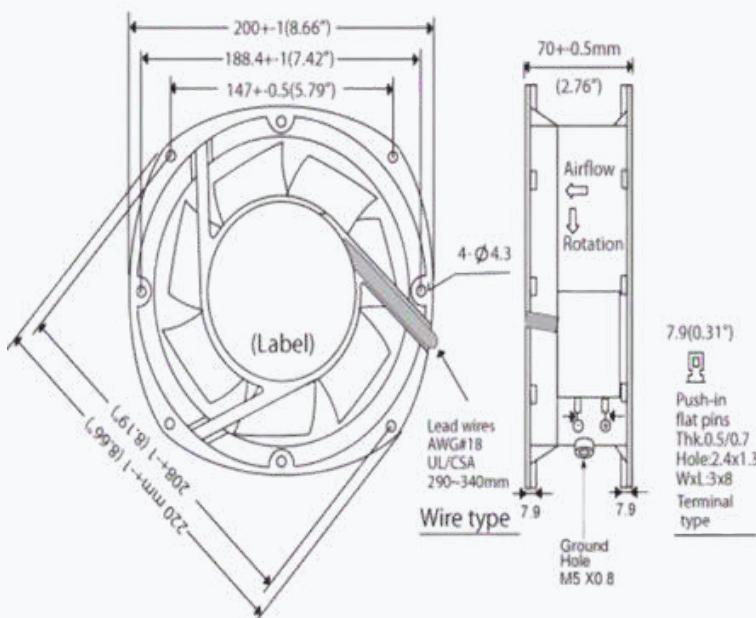


METAL IMPELLER

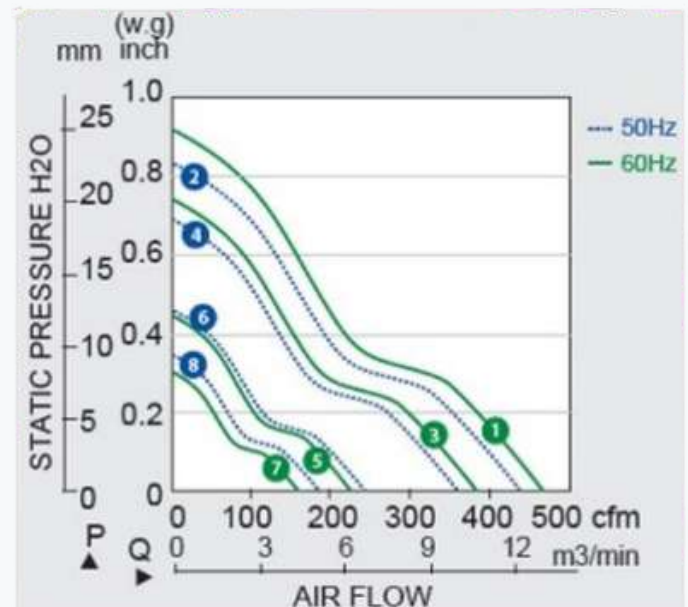
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM12070HB	115	50/60	95/105	2800/3300	430/485	20.83/23.62	68
HYM22070HB	230	50/60	95/105	2800/3300	430/485	20.83/23.62	68

AC FANS

205x205x72 mm

(8x8.6x2.8in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum, Natural Finish

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Ball Bearing

Motor Structure: External Rotor Motor, Capacitor Induction Motor

Motor Protection: Thermally Protected

Termination: Terminals or Lead wire

Weight: 2,350 g

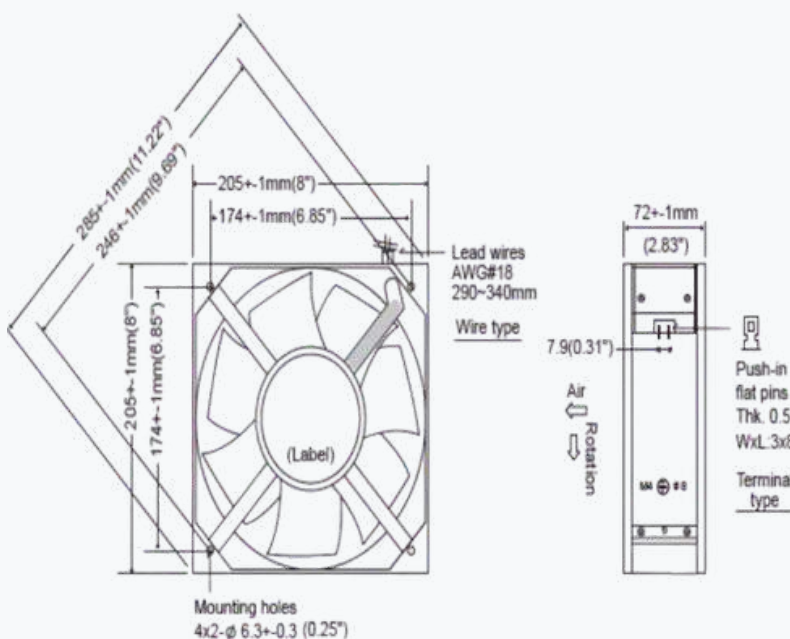


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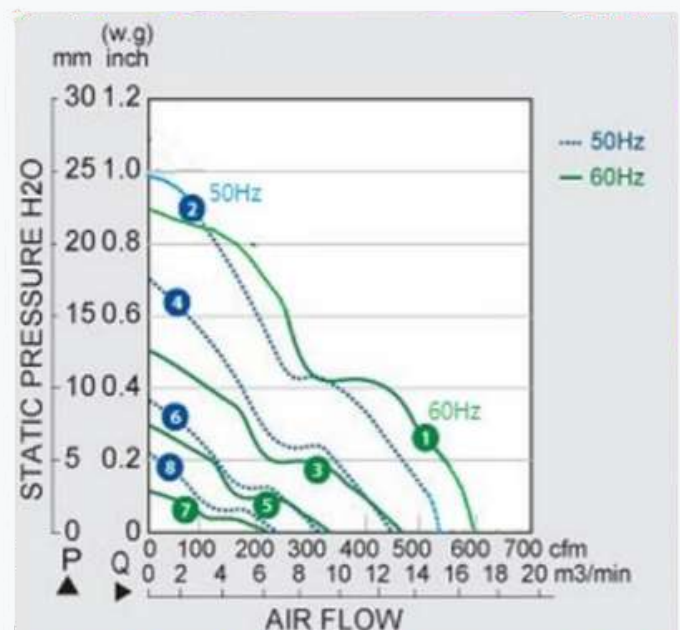
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM12072HB	115	50/60	60/80	2800/3000	520/590	23.11/21.84	67
HYM22072HB	230	50/60	60/80	2800/3000	520/590	23.11/21.84	67

AC FANS

225x225x80 mm

(9x9x3.1 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Double NSK Ball Bearings

Motor Structure: External Rotor Motor

Motor Protection: Thermally Protected

Termination: PA-10 Connector

Protection Grade: IP44

Weight: 2,200 g

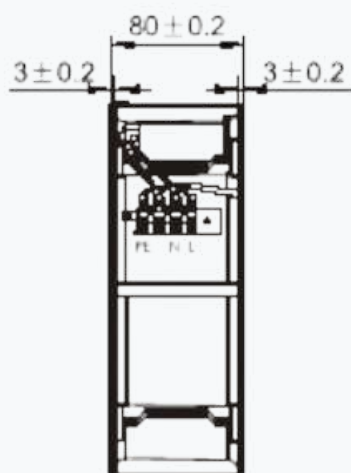
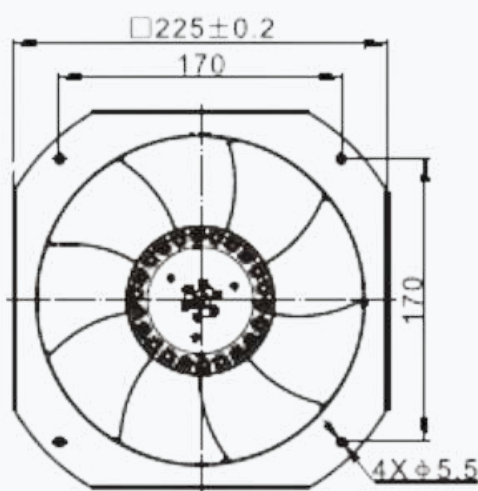


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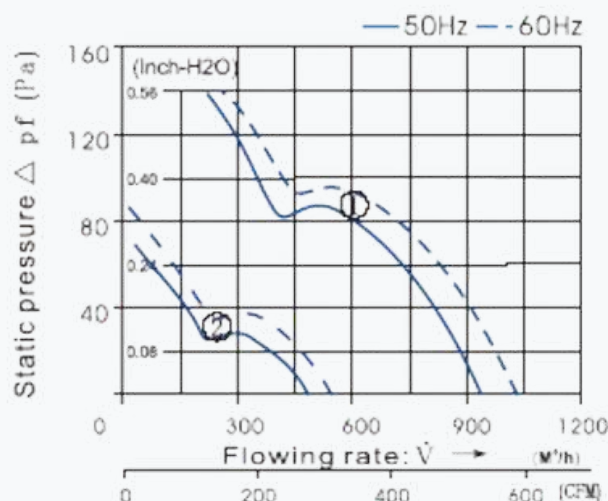
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM12280HBT	115	50/60	0.6/0.64	65/75	2550/2750	546/596	10.19/12.23	59/61
HYM22280HBT	230	50/60	0.3/0.34	65/77	2550/2750	546/596	10.19/12.23	59/61
HYM22280MBT	230	50/60	0.13/0.12	27/27	1350/1600	254/313	5.09/5.09	40/44

AC FANS

Ø254x89 mm

(Ø10x3.5 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +85°C

Operating Voltage Range: Rated Voltage ±10%

Bearing: Ball Bearings

Motor Structure: Capacitor Induction Motor

Motor Protection: Thermally Protected(Auto Restart)

Termination: Terminals or Lead wire

Weight: 2750 g

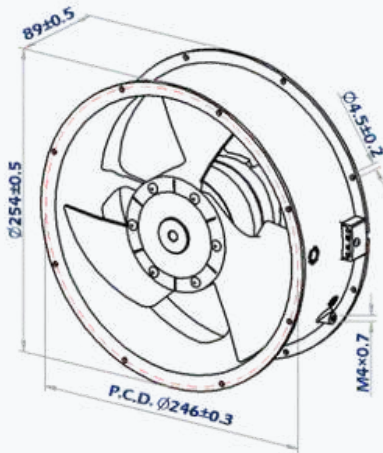


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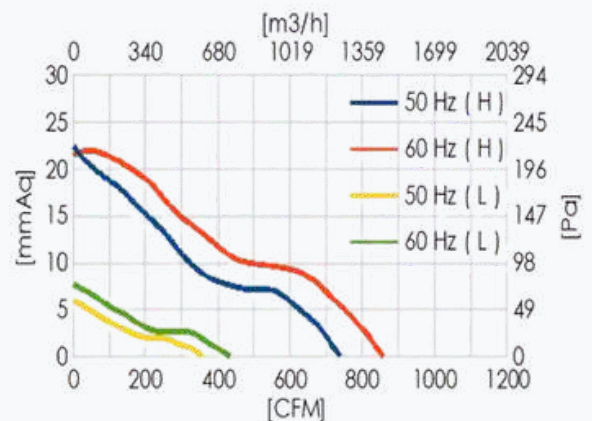
Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Dimensions (mm)



Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)	TÜV UL
HYM12589HB	115	50/60	0.59/0.86	66/95	2800/3200	740/860	22.5/21.5	66/68	V
HYM22589HB	230	50/60	0.28/0.43	66/95	2800/3200	740/860	22.5/21.5	66/68	V
HYM22589HB(3Ø)	230	50/60	0.237/0.258	57/80	2750/3100	730/850	21/20	66/68	
HYM32589HB(3Ø)	380	50/60	0.225/0.2	68/89	2800/3250	750/860	21/20	66/68	
HYM42589SB(3Ø)	440	50/60	0.187/0.172	67/86	2800/3250	750/870	22.5/22	66/68	

AC FANS

280x280x80 mm

(11x11x3.1 in)

High Performance AC Cooling Fan

Reliable AC fan for stable airflow and continuous cooling.

Frame: Die-cast Aluminum

Impeller: Steel Blades

Ambient Temperature Range: -30°C ~ +80°C

Operating Voltage Range: Rated Voltage $\pm 10\%$

Bearing: Double NSK Ball Bearings

Motor Structure: External Rotor Induction Motor
(Run Capacitor)

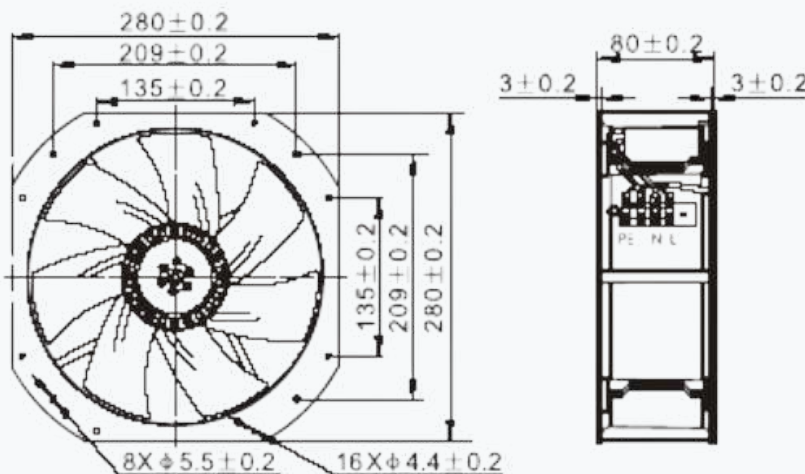
Motor Protection: Thermally Protected

Termination: PA-10 Connector

Protection Grade: IP55, IP44

Weight: 2,800 g

Dimensions (mm)

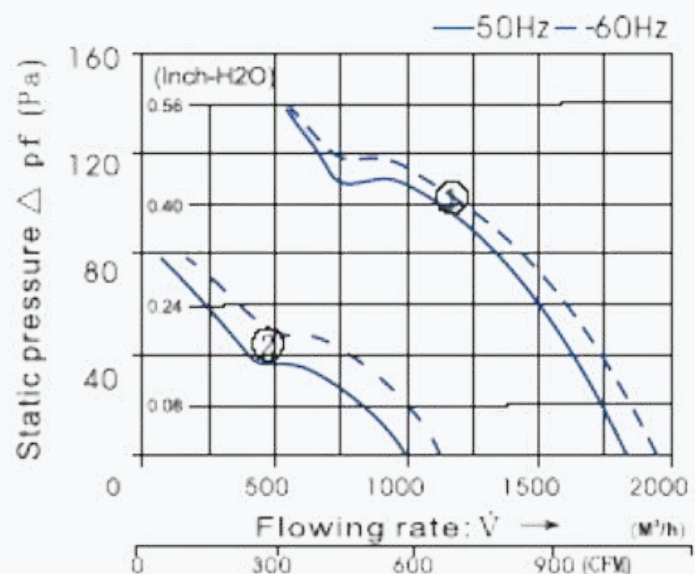


METAL IMPELLER

Typical Applications

- Industrial Equipment
- Control Cabinets
- Power Supplies
- HVAC Systems

Performance Curve



Model	Voltage (V)	Freq. (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow (CFM)	Pressure (mm Aq)	Noise (dB)
HYM12880HBT	115	50/60	1.1/1.2	110/136	2550/2800	1097/1204	14.27/14.27	69/70
HYM22880HBT	230	50/60	0.48/0.62	105/140	2550/2800	1097/1204	14.27/14.27	69/70
HYM22880MBT	230	50/60	0.24/0.35	50/57	1400/1650	596/714	8.15/10.19	54/58

