Motor Selection Guide (Fans)

Selection from external dimensions and max. airflow

AC/DC	External Dimensions mm (inch)	Series	Page in Catalog	Max. airflow (m³/min) 1 2 3 4 5 6 7 8 9 10 11 12 13 14
DC	□40 x 13 (□1.6" x 0.5")	EUDC	G-16	
DC	□40 x 28 (□1.6" x 1.1")	G0428C (G series)	G-31	
DC	□60 x 25 (□2.4" x 1.0")	TUDC	G-17	
DC	□60 x 38 (□2.4" x 1.5")	G0638D (G series)	G-32	
DC	□80 x 25 (□3.2" x 1.0")	PUDC	G-18	
DC	□80 x 38 (□3.2" x 1.5")	G0838C	G-33	
DC	□92 x 25 (□3.6" x 1.0")	KUDC	G-19	
DC	□92 x 25 (□3.6" x 1.0")	D0925C (GentleTyphoon)	G-20	
DC	□92 x 32 (□3.6" x 1.3")	KLDC	G-21	
DC	□92 x 38 (□3.6" x 1.5")	G0938B	G-34	
DC	□120 x 25 (□4.7"x 1.0")	CUDC	G-22	
DC	□120 x 25 (□4.7"x 1.0")	D1225C (GentleTyphoon)	G-23	
DC	□120 x 38 (□4.7"x 1.5")	CNDC	G-24	
DC	□120 x 38 (□4.7"x 1.5")	D1238T	G-25	
DC	□120 x 38 (□4.7"x 1.5")	D1238B	G-26	
DC	□120 x 38 (□4.7"x 1.5")	G1238B (G series)	G-35	
DC	□127 x 38 (□5.0"x 1.5")	D1338B	G-27	
DC	□127 x 38 (□5.0"x 1.5")	D1338S	G-28	
DC	ϕ172 [x150]x51 (ϕ6.8" [x6.0"]x2.0")	D1751M/D1751S	G-29/G-30	
DC	ϕ172 x150x51 (ϕ6.8x6.0"x2.0")	G1751M	G-36	
AC	□80 x 25 (□3.2"x 1.0")	VE	G-55	
AC	□92 x 25 (□3.6 x 1.0")	WE	G-56	
AC	□92 x 38 (□3.6"x 1.5")	KA	G-57	
AC	□120 x 25 (□4.7"x1.0")	SCUA/CU	G-53/G-58	
AC	□120 x 38 (□4.7"x1.5")	SCNA/CN	G-54/G-59	
AC	ϕ172 [x150]x51(6.8[6.0"]x2.0")	MA/PA	G-60/G-61	
AC	□180 x 90 (□7.1"x3.5")	PL	G-62	

■ Model code for DC fans and blowers (15-digit code)

D 12 38 B 24 B 5 A Z - 00

- **00**: Customized code
  - —00: Standard type
  - A01: Standard type (Model change product)
  - —04: 4P Terminal type
- **Z**: Rotation sensor
  - S: Lock detection type
  - Q: Speed detection type
  - R: Speed detection type (Output reversion type)
  - P: Pulse output type
  - Z: No sensor (Standard type)
- **A**: Special code
  - A: Standard type
  - C: Higher moisture resistance
  - Y,Z: Variable speed
- **5**: Speed 1.2 ~ 9.A.B.C: Low ↔ High
- **B**: Bearings B: Ball bearing
- **24**: Voltage: 05: DC5 V 12: DC12 V 24: DC24 V 48: DC48 V
- **B**: Frame type
  - B: Square metal venturi
  - C: Square resin venturi with ribs
  - D: Square resin venturi without ribs
  - E: Black painted type B
  - S: Round metal venturi
  - T: Round plastic venturi
  - U: Black painted type S
  - M: Round side cut venturi
  - P: Black painted type M
  - H: Spiral casing (1)
  - L: Spiral casing (2)
  - K: Reverse rotation spiral casing
- **38**: Thickness (as mm)
- **12**: Frame dimensions (as cm)
- **D**: Category
  - D: DC fan
  - E: DC blower
  - G: High static pressure DC fan

■ Manufacturing lot No.

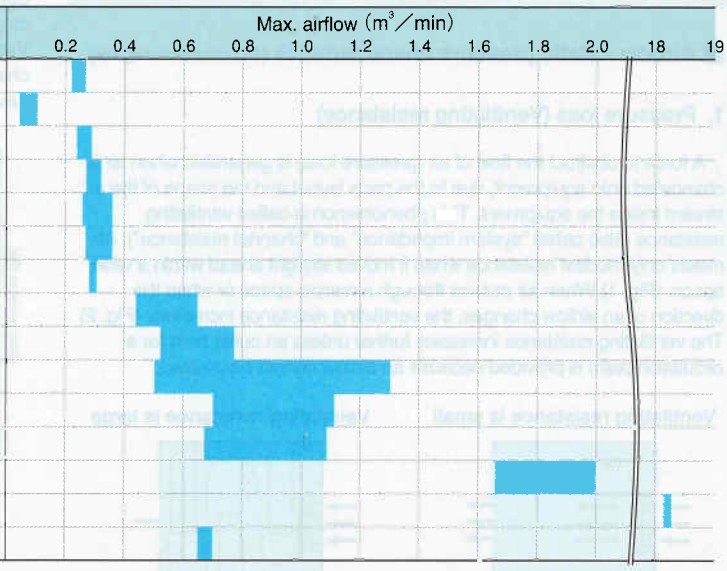
9 A 25

- **25**: Date manufactured
- **A**: Month manufactured: A ~ L = January ~ December
- **9**: Year manufactured (Last digit of year)

Motor Selection Guide (Blowers)

Selection from external dimensions and max. airflow

AC/DC	External Dimensions mm (inch)	Series	Page in Catalog
DC	□48×25 (□1.9"×1.0")	E0525H/E0525K	G-37
DC	51 x 53 x 15 (2.0" x 2.1" x 0.6")	E0515H	G-38
DC	70 x 76 x 20 (2.8" x 3.0" x 0.8")	E0720L	G-39
DC	72 x 75 x 20 (2.8" x 3.0" x 0.8")	E0720L	G-40
DC	□76×25 (□3.0"×1.0")	SMBD	G-41
DC	□76×30 (□3.0"×1.2")	MBDC	G-42
DC	□87×18 (□3.4"×0.7")	E0818K	G-43
DC	□94×30 (□3.7"×1.2")	SFBD	G-44
DC	97 x 95 x 25 (3.8" x 3.7" x 1.0")	E1027H	G-45
DC	97 x 5 x 33 (3.8" x 3.7" x 1.3")	E1033H/Y	G-46
DC	119 x 117 x 32 (4.7" x 4.6" x 1.3")	E1232L	G-47
DC	126 x 127 x 31 (5.0 x 5.0" x 1.2")	E1331K	G-48
DC	150 x 152 x 40 (5.9 x 6.0" x 1.6")	E1540H	G-49
DC	φ220×71 (φ8.7"×2.8")	E2271Z	G-50
AC	125 x 126 x 41 (4.9" x 5.0" x 1.6")	CB	G-63



■ Model code for DC axial fans and blowers
(Previous Axial Flow Fans and Blowers)

CNDC 12 B 7 R S

- Sensor option: S: Lock detection type; P: Pulse output type; Q: Speed detection type; SQ: Speed detection type (Output reversion type)
- Venturi shape code: R: With ribs; F: Without ribs; V: Reinforcing spacer
- Revised No.: 4: Standard type; 7: Power saving type; 8: Power saving type
- Speed/Bearings: Ball bearings; B: Normal speed; D: Half speed; Z: High speed; H: Super high speed; U: Ultra speed; N: Hyper speed; K: Dual speeds
- Rated voltage: 5: DC 5 V; 12: DC 12 V; 24: DC 24 V; 48: DC 48 V
- Series name: EUDC (□40×13 thick); TUDC (□60×25 thick); PUDC (□80×25 thick); KUDC (□92×25 thick); KLDC (□92×32 thick); CUDC (□120×25 thick); CNDC (□120×38 thick); SMBD (□76×25 thick); MBDC (□76×30 thick); SFBD (□94×30 thick)

■ Model code for AC axial fans and blowers
(Previous Axial Flow Fans and Blowers)

CN J 55 B 5 1 □

- Sensor option: S: Sensor provided (Available on certain products only)
- Finish: 1: Black baking paint
- Wiring connection: 2: Terminal type (Centaur I only without grounding terminal); 3: Terminal type (With grounding tap) Centaur III with grounding terminal; 4: Lead wire type (Without grounding tap); 5: Lead wire type (With grounding tap); 6: Lead wire type (AS series only)
- Speed: B: Full speed; D: Half speed; F: Low speed
- Rated voltage: 55: AC100 V; 2: AC115 V; 60: AC200 V; 52: AC208 V ~ 230 V; 49: AC240 V; 47: AC100 V ~ 120 V; 48: AC200 V ~ 240 V; 77: AC220 V ~ 240 V/AC208 V ~ 230 V; 115: AC115 V; 50: AC220 V/AC 230 V
- Applicable standard: J: For domestic market; -: Overseas standards (UL,CSA,TUV,VDE)
- Series name: VE (□80×25 thick); WE (□92×25 thick); KA (□92×38 thick); CU (□120×25 thick); SCU (□120×25 thick); CN (□120×38 thick); SCN (□120×38 thick); PA (φ172×51 thick); MA (φ172×150×51 thick); PL (□180×90 thick); CB (126×41 thick)