

ELCART

componenti elettronici
electronic components

COMMONWEALTH

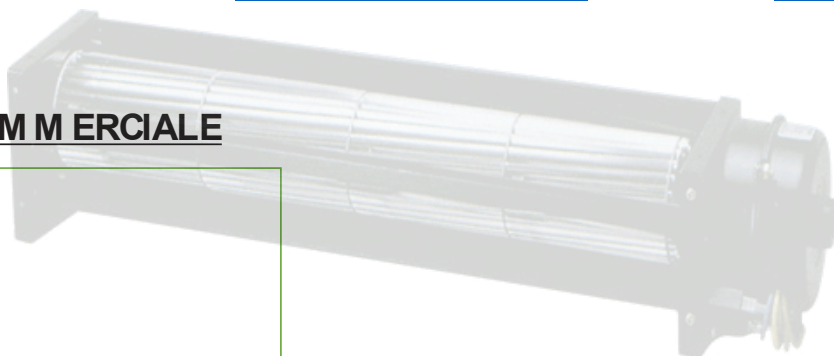
Industrial Cooling Fans

ELCART DISTRIBUTION S.P.A

VIA MICHELANGELO BUONARROTI, 46 20093 COLOGNO MONZESE (MI)

Tel. 02/25.11.73.10 SITO: WWW.ELCART.COM E-MAIL: INDUSTRIA@ELCART.IT

REFERENTE COMMERCIALE



COMMONWEALTH

Commonwealth Industrial Corporation è stata la prima azienda a produrre ventole di raffreddamento AC a Taiwan. Ha iniziato a produrre nel 1975 e negli ultimi 31 anni si è affermata come uno dei leader produttori di ventole a Taiwan.

Produce nei tre propri stabilimenti di Taiwan con omologazioni internazionali: UL, CSA, TUV e marchio europeo CE.

La gamma AC inizia da 80mm fino a 254mm x 89mm con tensioni di funzionamento 24vac, 110/120vac, 220/240vac disponibili anche a doppia tensione.

La gamma DC inizia da 25mmx25mmx6mm fino a 172mmx150mmx5mm con tensione di funzionamento di 5vdc, 12vdc 24vdc e 48vdc.

Soluzioni Blower e Crossflow.

Commonwealth offre inoltre una gamma di motori dc con o senza riduttori, disponibili da 12vdc a 24vdc.

È disponibile a sviluppare soluzioni custom su specifiche esigenze con volumi.

A completamento delle gamme di ventilatori di tensione AC e DC Commonwealth offre la propria gamma di kit filtri, protezioni per le dita in metallo e plastica, cablaggi delle ventole per tutte le esigenze di raffreddamento.

VENTOLE

**Presentazione
Azienda**



COMMONWEALTH AC AXIAL FAN

VENTOLE

CORPO: DIE-CAST ALUMINUM PAINTED BLACK OR NATURAL FINISH. DIE-CAST ZINC PAINTED BLACK OR NATURAL FINISH. PLASTIC PBT(UL 94V-0)

MOTORE: RELIABLE SHADED POLE MOTOR CONSTRUCTION. CAPACITOR INDUCTION MOTOR

PALE: INJECTION MOLDED, NON-FLAMMABLE THERMOPLASTIC UL 94V-0 RATING. METAL

SISTEMA DI SUPPORTO: PRECISION, LIFE LUBRICATED BALL BEARING SYSTEM.
PRECISION, OIL IMPREGNATED SINTERED SLEEVE BEARING SYSTEM.

RESISTENZA DI ISOLAMENTO: 10 MEGOHMS MINIMUM AT 500VDC.

RIGIDITA' DIELETTICA: 1 MINIMUM AT 2,000 VAC/50-60Hz.

PROTEZIONE IMPEDENZA: I VENTILATORI SONO PROGETTATI IN MODO TALE CHE I CABLAGGI NON SI BRUCIANO ANCHE SE LE PARTI ROTANTI SONO FRENATE. L'UTILIZZO DI MATERIALI ISOLANTI INCOMBUSTIBILI GARANTISCE UNA MAGGIORE SICUREZZA.

OPERATING TEMPERATURE: -10 TO +70 FOR THE SLEEVE BEARING.
-20 TO +80 FOR THE BALL BEARING.

TENSIONE: 110/120V RANGE VOLTAGE FROM 85V TO 125V.
220/230V RANGE VOLTAGE FROM 190V TO 245V.

ALTRE TENSIONI A RICHIESTA: 24, 48, 100, 380AC (50/60Hz)

*** TENSIONE SPECIALE A RICHIESTA: DUAL VOLTAGE 110/220Vac**

VELOCITA': S-ULTRA VERY HIGH SPEED TYPE
S-1 HIGH SPEED TYPE
S-2 MEDIUM SPEED TYPE
S-3 LOW SPEED TYPE

UMIDITA' AMBIENTE: BALL BEARING RH20%-85%
SLEEVE BEARING RH20%-80%.

LIVELLO DI RUMORE DA 21 A 54dBA SECONDO LA VELOCITA' E IL MODELLO SELEZIONATO



Caratteristiche
AC Fan



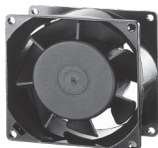
COMMONWEALTH AC AXIAL FAN

FP-108AX



80x80x25,4mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108AX (S-1)	110/120	50/60	21/23	0.60/0.67	0.19/0.17	13/14	2400/2800	0.18/0.21	29/33
FP-108AX (S-1)	220/240	50/60	21/23	0.60/0.67	0.12/0.10	13/14	2400/2800	0.18/0.21	29/33
FP-108AX (S-2)	110/120	50/60	17/18	0.48/0.51	0.11/0.10	44845	2100/2500	0.13/0.14	25/29
FP-108AX (S-2)	220/240	50/60	17/18	0.48/0.51	0.09/0.08	44845	2100/2500	0.13/0.14	25/29

FP-108A



80x80x38mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108A (S-1)	110/120	50/60	26/30	0.74/0.88	0.14/0.12	44908	2300/2700	0.17/0.24	30/35
FP-108A (S-1)	220/240	50/60	26/30	0.74/0.88	0.10/0.08	44908	2300/2700	0.17/0.24	30/35
FP-108A (S-2)	110/120	50/60	21/23	0.14/0.15	0.12/0.10	44814	2000/2300	0.14/0.15	24/27
FP-108A (S-2)	220/240	50/60	21/23	0.14/0.15	0.08/0.06	44814	2000/2300	0.14/0.15	24/27
FP-108A (S-3)	110/120	50/60	17/16	0.50/0.47	0.08/0.06	44687	1700/1900	0.12/0.10	21/23
FP-108A (S-3)	220/240	50/60	17/16	0.50/0.47	0.05/0.04	44687	1700/1900	0.12/0.10	21/23

FP-108B



92x92x25.4mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108B (S-1)	110/120	50/60	30/36	0.85/1.00	0.21/0.20	19/17	2400/2800	0.16/0.20	35/37
FP-108B (S-1)	220/240	50/60	30/36	0.85/1.00	0.10/0.09	19/17	2400/2800	0.16/0.20	35/37
FP-108B (S-2)	110/120	50/60	25/28	0.71/0.77	0.07/0.06	44846	2100/2400	0.13/0.14	28/30
FP-108B (S-2)	220/240	50/60	25/28	0.71/0.77	0.06/0.05	44846	2100/2400	0.13/0.14	28/30
FP-108B (S-3)	110/120	50/60	21/22	0.62/0.60	0.06/0.05	44720	1700/1900	0.10/0.09	22/24
FP-108B (S-3)	220/240	50/60	21/22	0.62/0.60	0.05/0.04	44720	1700/1900	0.10/0.09	22/24

VENTOLE

Modelli
AC Fan



COMMONWEALTH AC AXIAL FAN

FP-108JC



92x92x38mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108JC (S-1)	110/120	50/60	40/45	1.10/1.30	0.15/0.12	44814	2700/3000	0.17/0.20	35/37
FP-108JC (S-1)	220/240	50/60	40/45	1.10/1.30	0.15/0.12	16/13	2700/3000	0.17/0.20	35/37
FP-108JC (S-2)	110/120	50/60	33/40	0.93/1.10	0.12/0.10	8.5/7.0	2300/2500	0.14/0.15	24/25
FP-108JC (S-2)	220/240	50/60	33/40	0.93/1.10	0.10/0.08	44879	2300/2500	0.14/0.15	24/25
FP-108JC (S-3)	110/120	50/60	27/30	0.76/0.85	0.09/0.07	7.0/6.0	2000/2200	0.10/0.11	22/24
FP-108JC (S-3)	220/240	50/60	27/30	0.76/0.85	0.09/0.07	11/9.0	2000/2200	0.10/0.11	22/24

FP-108X



119x119x25.4mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108X (S-1)	110/120	50/60	64/80	1.8/2.3	0.19/0.18	18/16	2000/2350	0.20/0.23	42/44
FP-108X (S-1)	220/240	50/60	64/80	1.8/2.3	0.12/0.11	18/16	2000/2350	0.20/0.23	42/44
FP-108X (S-2)	110/120	50/60	57/60	1.6/1.7	0.13/0.11	44908	1700/1900	0.16/0.18	34/37
FP-108X (S-2)	220/240	50/60	57/60	1.6/1.7	0.09/0.08	44908	1700/1900	0.16/0.18	34/37

FP-108-1



119x119x38mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108-1 (S-Ultra)	110/120	50/60	112/120	3.18/3.40	0.25/0.19	18/19	2700/3000	0.27/0.30	40/45
FP-108-1 (S-Ultra)	220/240	50/60	112/120	3.18/3.40	0.14/0.12	18/19	2700/3000	0.27/0.30	40/45
FP-108-1 (S-1)	110/120	50/60	80/105	2.30/3.00	0.24/0.18	18/17	2700/3000	0.23/0.28	42/47
FP-108-1 (S-1)	220/240	50/60	80/105	2.30/3.00	0.13/0.11	18/17	2700/3000	0.23/0.28	42/47
FP-108-1 (S-2)	110/120	50/60	63/71	1.65/1.85	0.13/0.12	11/10	2200/2500	0.19/0.21	37/39
FP-108-1 (S-2)	220/240	50/60	63/71	1.65/1.85	0.11/0.09	11/10	2200/2500	0.19/0.21	37/39
FP-108-1 (S-3)	110/120	50/60	54/52	1.50/1.40	0.11/0.10	9/8	1800/2000	0.16/0.15	30/34
FP-108-1 (S-3)	220/240	50/60	54/52	1.50/1.40	0.08/0.06	9/8	1800/2000	0.16/0.15	30/34

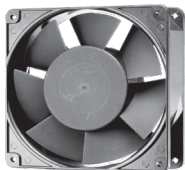
VENTOLE

Modelli
AC Fan



COMMONWEALTH AC AXIAL FAN

FP-108-7



127x127x38mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108-7 (S-1)	110/120	50/60	115/140	3.30/4.00	0.26/0.24	24/23	2700/3000	0.28/0.30	44/47
FP-108-7 (S-1)	220/240	50/60	115/140	3.30/4.00	0.16/0.14	24/23	2700/3000	0.28/0.30	44/47
FP-108-7 (S-2)	110/120	50/60	85/105	2.40/3.00	0.16/0.14	20/19	2200/2500	0.26/0.27	39/40
FP-108-7 (S-2)	220/240	50/60	85/105	2.40/3.00	0.14/0.12	20/19	2200/2500	0.26/0.27	39/40
FP-108-7 (S-3)	110/120	50/60	72/80	2.00/2.30	0.14/0.12	14/12	1800/2100	0.20/0.21	32/36
FP-108-7 (S-3)	220/240	50/60	72/80	2.00/2.30	0.14/0.10	11/10	1800/2100	0.20/0.21	32/36

FP-108C

FP-108CX



162x150x55mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
162x150x38mm									
FP-108C	110/120	50/60	210/250	5.9/7.00	0.5/0.45	38/35	2700/3000	0.63/0.79	51/54
	220/240	50/60	210/250	5.9/7.00	0.5/0.45	32/31	2700/3000	0.63/0.79	51/54
FP-108CX	110/120	50/60	140/130	4.0/3.7	0.30/0.27	22/20	2300/2000	0.38/0.36	31/30
	220/240	50/60	140/130	4.0/3.7	0.18/0.16	27/24	2300/2000	0.38/0.36	31/30

FP-108EXM



172x150x38mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108EXM	110/120	50/60	205/230	5.80/6.50	0.40/0.40	30/28	2700/2900	0.75/0.60	49
FP-108EXM	220/240	50/60	205/230	5.80/6.50	0.28/0.23	38/35	2700/2900	0.75/0.60	49

VENTOLE

Modelli
AC Fan



COMMONWEALTH AC AXIAL FAN

FP-108EX

FP-108E



	172x150x51mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
	172Øx51mm									
FP-108EX (S-1)		110/120	50/60	190/235	5.40/6.6	0.50/0.45	38/35	2800/3100	0.63/0.79	50/45
FP-108E (S-1)										
FP-108EX (S-1)		220/240	50/60	190/235	5.40/6.6	0.23/0.21	32/31	2800/3100	0.63/0.79	50/45
FP-108E (S-1)										
FP-108EX (S-2)		110/120	50/60	165/170	4.70/4.8	0.42/0.37	29/30	2300/2400	0.51/0.55	38/33
FP-108E (S-2)										
FP-108EX (S-2)		220/240	50/60	165/170	4.70/4.8	0.18/0.17	27/29	2300/2400	0.51/0.55	38/33
FP-108E (S-2)										
FP-108EX (S-3)		110/120	50/60	110/106	3.10/3.0	0.35/0.33	22/21	2100/1900	0.40/0.31	33/30
FP-108E (S-3)										
FP-108EX (S-3)		220/240	50/60	110/106	3.10/3.0	0.15/0.12	22/19	1900/1800	0.40/0.31	33/30
FP-108E (S-3)										



FP-108K

	220Øx60mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108K		110/120	50	360	10.20	0.70	52	2400	0.9	56
FP-108K		220/240	50	360	10.20	0.30	52	2400	0.9	56



FP-108HH

	254Øx89mm	Volt (VAC)	Frequency (HZ)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108HH		110/120	50/60	460/550	13.0/15.5	0.32/0.30	35/30	1500/1650	0.35/0.45	48
FP-108HH		220/240	50/60	460/550	13.0/15.5	0.15/0.14	33/31	1500/1650	0.35/0.45	48

VENTOLE

Modelli
AC Fan



COMMONWEALTH AC AXIAL FAN

FLUSH TYPE

FP-108-1 120x120x38mm



FP-108ES 172x172x51mm



FP-108KS 220x220x60mm



HIGH PERFORMANCE TYPE

FP-108ES-A 160x160x62mm



FP-108ES-B 180x180x65mm



FP-108ES-C 205x205x72mm

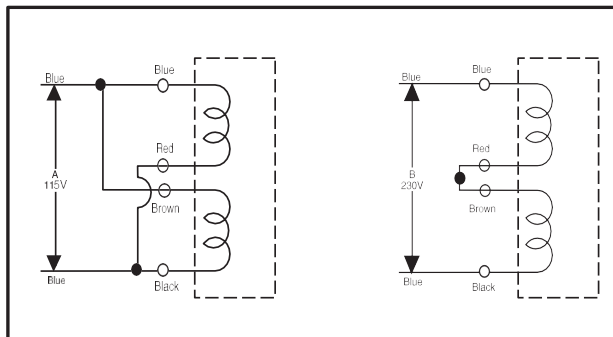


110V/220V DUAL VOLTAGE

SPECIFICATIONS

MODEL & SIZE	FP-108AX	80x80x25.4mm	FP-108-7	127x127x38mm
	FP-108A	80x80x38mm	FP-108CX	162x150x38mm
	FP-108B	92x92x25.4mm	FP-108C	162x150x55mm
	FP-108JC	92x92x38mm	FP-108EX	172x150x51mm
	FP-108X	119x119x25.4mm	FP-108E	172x172x51mm
	FP-108-1	119x119x38mm		
RATED DUAL VOLTAGES	110/220 DUAL VAC 50/60HZ			
	120/240 DUAL VAC 50/60HZ			
	24/48 DUAL VAC 50/60HZ			
	Other on demand			

Specifications are subject to change without notice



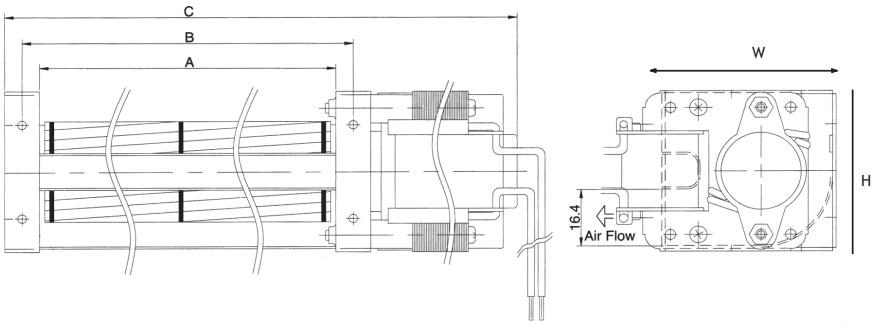
VENTOLE

Modelli
AC Fan



COMMONWEALTH AC CROSSFLOW FAN

CIC030 AC SERIES



Model	Size A	Size B	Size C	Size H	Size W	Volt (VDC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Air flow M/min	Static Pressure (mmAq)	Noise (dBA)
CIC-E03009A120	98	108	154	48	50	110/120	50/60	0.10/0.08	8.0/7.0	2700/3200	0.3/0.4	0.8/1.1	30/32
CIC-E03009A230						220/240		0.06/0.04	8.5/7.0				
CIC-E03015A120	160	170	222	48	50	110/120	50/60	0.13/0.11	10.0/8.5	2700/3200	0.6/0.8	0.9/1.2	32/35
CIC-E03015A230						220/240		0.07/0.06	10.5/9.5				
CIC-E03019A120	198	208	260	48	50	110/120	50/60	0.13/0.11	10.0/9.0	2700/3150	0.8/0.9	1.0/1.4	32/36
CIC-E03019A230						220/240		0.07/0.06	11.0/9.5				
CIC-E03029A120	300	310	366	48	50	110/220	50/60	0.20/0.17	15.0/13.5	2700/3150	1.4/1.6	1.1/1.6	34/37
CIC-E03029A230						220/240		0.08/0.07	12.5/11.5				
CIC-E04009A120	98	108	160	60	60	110/120	50/60	0.13/0.11	10.0/9.0	2700/3150	0.8/1.0	1.8/2.5	36/38
CIC-E04009A230						220/240		0.07/0.06	11.0/9.5				
CIC-E04015A120	160	170	222	60	60	110/120	50/60	0.14/0.12	11.0/10.0	2600/2800	1.2/1.4	1.9/2.7	36/38
CIC-E04015A230						220/240		0.07/0.06	11.0/10.0				
CIC-E04019A120	198	208	260	60	60	110/120	50/60	0.14/0.12	12.0/11.0	2550/2350	1.4/1.4	2.0/2.8	36/35
CIC-E04019A230						220/240		0.07/0.06	12.0/11.0				
CIC-E04029A120	300	310	366	60	60	110/220	50/60	0.21/0.20	17.0/16.0	2400/2200	2.4/2.1	2.1/2.9	38/36
CIC-E04029A230						220/240		0.09/0.08	14.0/13.0				
CIC-E05009A120	98	108	162	70	70	110/120	50/60	0.14/0.12	11.0/10.0	2500/2650	1.0/1.1	2.7/3.6	36/39
CIC-E05009A230						220/240		0.07/0.06	12.0/11.0				
CIC-E05019A120	198	208	267	70	70	110/120	50/60	0.23/0.21	18.0/16.0	2100/1700	1.8/1.6	3.0/3.9	41/37
CIC-E05019A230						220/240		0.09/0.08	14.0/13.0				
CIC-E05029A120	208	308	377	70	70	110/220	50/60	0.33/0.32	24.0/24.0	2350/2100	2.9/2.7	3.4/4.3	44/41
CIC-E05029A230						220/240		0.14/0.13	21.0/20.0				

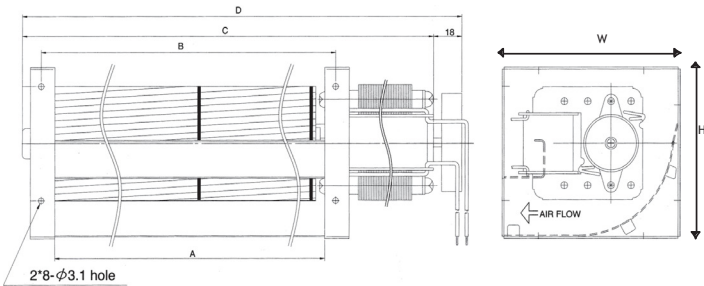
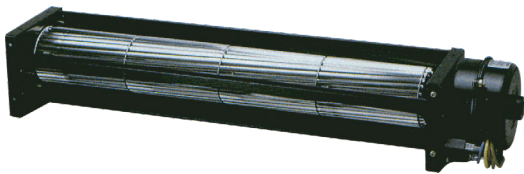
VENTOLE

Modelli
AC Fan



COMMONWEALTH AC CROSSFLOW FAN

CIC060 SERIES



Model	Size A	Size B	Size C	Size H	Size W	Volt (VDC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Air flow M/min	Static Pressure (mmAq)	Noise (dBA)
CIC-E06012A120	123	138	191	90	98	110/120	60	0.23	18.0	2350	1.7	2.7	43
CIC-E06012A230	123	138	191	90	98	220/240	50	0.12	18.0	2350	1.7	2.5	43
CIC-E06018A120	184	199	262	90	98	120	60	0.31	23.0	1800	2.2	3.4	41
CIC-E06018A230	184	199	262	90	98	220/240	50	0.16	23.0	2000	3.0	2.3	43
CIC-E06024A120	245	260	323	90	98	120	60	0.43	31.0	1800	2.8	4.0	39
CIC-E06024A230	245	260	323	90	98	230	50/60	0.20	29.0	2200	3.1	3.7	46
CIC-E06030A120	306	321	384	90	98	120	60	0.60	41.0	2000	3.7	5.5	44
CIC-E06030A230	306	321	384	90	98	220/240	50/60	0.30/0.27	41/36	2100/1500	4.0	4.8/5.3	46
CIC-E06036A120	368	383	446	90	98	120	60	0.61	42.0	1700	3.9	6.0	40
CIC-E06036A230	368	383	446	90	98	230	50/60	0.31/0.27	42/36	2100/1300	4.7	5.2/5.6	46
CIC-E06042A120	429	444	507	90	98	120	60	0.62	42.0	1600	4.8	6.5	40
CIC-E06042A230	429	444	507	90	98	220/240	50/60	0.31/0.28	42/36	1800/1100	5.3	5.6/5.8	45
CIC-EC06030A12	306	321	411	90	98	110/120	60	0.33	37.0	2800	5.5	7.4	55
CIC-EC06030A23	306	321	411	90	98	220/240	50/60	0.14/0.17	30/38	2600/2800	5.0/5.5	6.0/7.4	53/55
CIC-EC06036A12	368	383	473	90	98	110/120	60	0.35	39.0	2500	5.6	7.5	56
CIC-EC06036A23	368	383	473	90	98	220/240	50/60	0.16/0.19	35/41	2500/2500	5.7/5.7	6.1/7.5	56
CIC-EC06042A12	429	444	534	90	98	110/120	60	0.36	40	2400	6.0	7.8	56
CIC-EC06042A23	429	444	534	90	98	220/240	50/60	0.16/0.20	34.0/42.0	2450/2450	6.0/6.0	10/11.5	55/55
CIC-VC06030A12	306	321	411	90	98	110/120	60	0.34	38.0	2700	5.6	11.0	54
CIC-VC06030A23	306	321	411	90	98	220/240	50/60	0.15/0.18	32/34	2550/2700	5.3/5.6	9.6/11	53/54
CIC-VC06036A12	368	383	473	90	98	110/120	60	0.35	39.0	2600	5.9	11.3	56
CIC-VC06036A23	368	383	473	90	98	220/240	50/60	0.15/0.19	33/41	2500/2600	5.7/5.9	9.8/11.3	55/56
CIC-VC06042A12	429	444	534	90	98	110/120	60	0.36	41	2500	6.2	11.5	56
CIC-VC06042A23	429	444	534	90	98	220/240	50/60	0.16/0.20	34.0/42.0	2450/2450	6.0/6.0	10/11.5	55

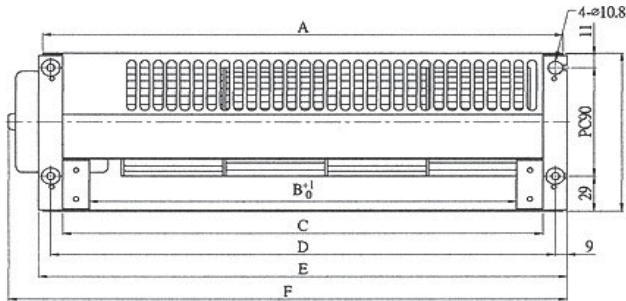
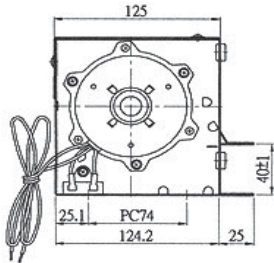
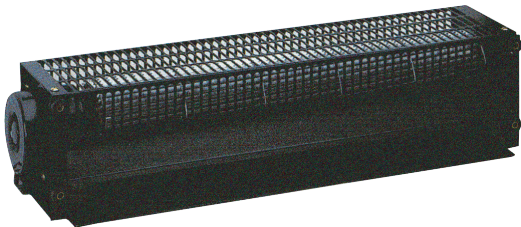
VENTOLE

Modelli
AC Fan



COMMONWEALTH AC CROSSFLOW FAN

CIC090 SERIES



Modelli
AC Fan

Model	Size A	Size B	Size C	Size D	Size E	Size F	Volt (VDC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Airflow M/min)	Static Pressure (mmAq)	Noise (dBA)
CIC9029	390	320	360	380	396	420	110/120	50/60	0.27/0.29	28.7/31.7	1355/1560	5.7/6.5	3.3/4.4	52/54
							220/240	50/60	0.14/0.15	30.0/33.0	1350/1550	5.9/6.8	3.4/5.0	52/54
CIC9039	480	408	450	469	485	502	110/120	60	0.42	40.0	1580	11.0	4.0	55
							220/240	50/60	0.22/0.21	38.0/40.0	1370/1580	9.0/11.0	3.5/4.0	53/55
CIC9042	512	440	480	498	515	533	110/120	60	0.45	45.0	1500	11.5	4.2	56
							220/240	50/60	0.23/0.24	40.0/45.0	1350/1500	9.4/11.5	3.7/4.2	54/56
CIC9060	710	640	680	700	716	739	110/120	60	0.7	65.0	1600	17.0	5.5	57
							220/240	50/60	0.33/0.37	62.0/75.0	1400/1600	15.0/17.0	4.5/5.5	55/57



COMMONWEALTH DC BRUSHLESS FAN e BLOWER

CORPO: DIE-CAST ALUMINUM PAINTED BLACK OR NATURAL FINISH. INJECTION MOULDED NON-FLAMMABLE BLACK THERMOPLASTIC UL94V-0 RATING.

MOTORE: BRUSHLESS DC MOTOR.

PALE: INJECTION MOULDED NON-FLAMMABLE BLACK THERMOPLASTIC UL94V-0 RATING.

SISTEMA DI SUPPORTO: PRECISION, LIFE LUBRICATED BALL BEARING SYSTEM.
PRECISION, OIL IMPREGNATED SINTERED SLEEVE BEARING SYSTEM.

RESISTENZA DI ISOLAMENTO: 10 MEGOHMS MINIMUM AT 500VDC.

RIGIDITA' DIELETTICA: 1 MINIMUM AT 500 VAC/60Hz (BETWEEN FRAME AND TERMINAL).

TEMPERATURA DI LAVORO: -10°C TO +70 °C FOR THE SLEEVE BEARING.
-20°C TO +80 °C FOR THE BALL BEARING.

TENSIONE: 5, 12, 24, 48VDC, RATED VOLTAGE +15%.

VELOCITA': S-ULTRA VERY HIGH SPEED TYPE

S-1 HIGH SPEED TYPE

S-2 MEDIUM SPEED TYPE

S-3 LOW SPEED TYPE

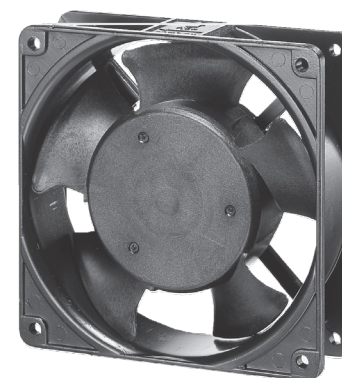
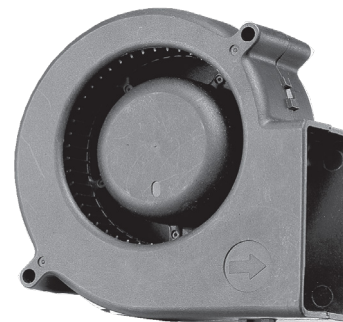
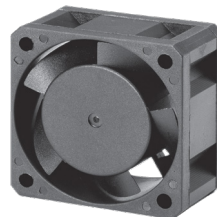
UMIDITA' AMBIENTALE: BALL BEARING RH20%-85%.
SLEEVE BEARING RH20%-80%.

***DISPONIBILE FG TYPE SENSORE DELLA VELOCITA' (3° FILO)**

*** DISPONIBILE RD TYPE ALLARME BLOCCO MOTORE (3° FILO)**

*** DISPONIBILE TYPE SENSORE TEMPERATURA (3° FILO)**

***4-pin PWM CONTROLLO AUTOMATICO DELLA VELOCITA' DISPONIBILE PER ALCUNI MODELLI**



VENTOLE

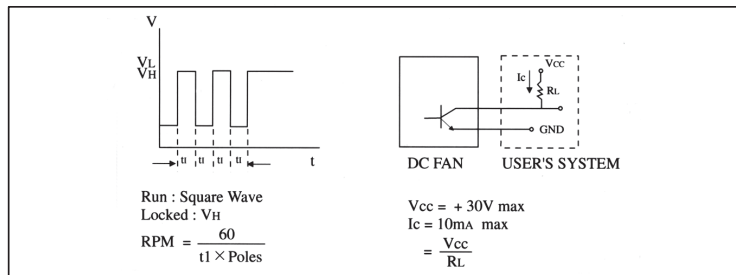
Caratteristiche
DC Fan



LIVELLO DI RUMORE DA 20 A 46dBA SECONDO LA VELOCITA' E IL MODELLO SELEZIONATO

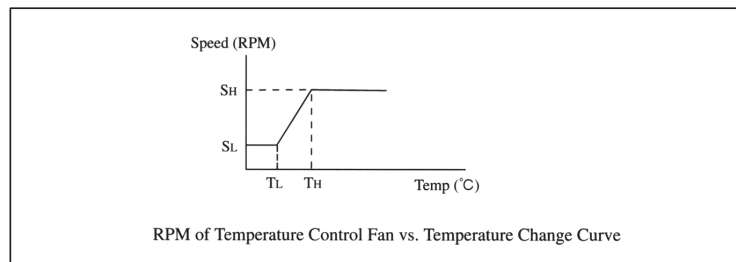
COMMONWEALTH DC BRUSHLESS FAN

A. FUNZIONE GENERATORE DI FRQUENZA (FGTYPE SENSOREDI SEGNALE DI VELOCITA')

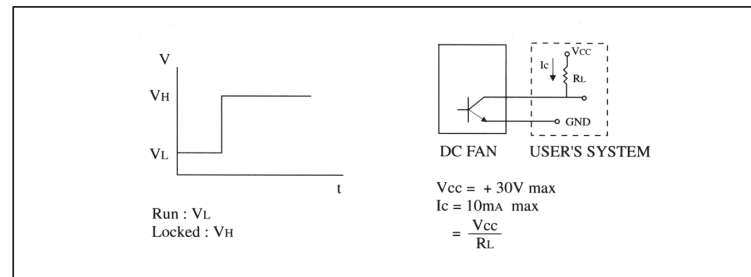


C. FUNZIONE SPECIALE CONTROLLO TEMPERATURA

QUANDO L'AMBIENTE DI APPLICAZIONE DELLA VENTOLA DI RAFFREDDAMENTO È PIUTTOSTO SENSIBILE AL RUMORE, HA BISOGNO DI UNA VENTOLA CHE POSSA CAMBIARE IL FLUSSO D'ARIA CON L'EFFETTIVA TEMPERATURA DI FUNZIONAMENTO DEL SISTEMA, CHE SOTTO IL PRE-REQUISITO DELLA TEMPERATURA DI DISSIPAZIONE DEL CALORE DEL SISTEMA (COSÌ È IL FLUSSO D'ARIA) DIMINUISCA CONEGUENTEMENTE IL LIVELLO DI RUMOROSITÀ. QUANDO LA TEMPERATURA AUMENTA L'RPM DELLA VENTOLA DI RAFFREDDAMENTO AUMENTA IL FLUSSO D'ARIA E RAGGIUNGE LA DISSIPAZIONE DEL CALORE TOTALE.



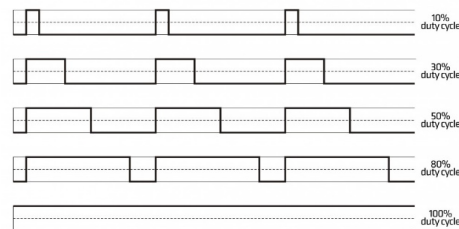
B. FUNZIONE RILEVATORE DI ROTAZIONE (RD TYPE SEGNALE DI ALLARME ROTORE BLOCCATO)



D. 4-pin PWM PER CONTROLLO AUTOMATICO DELLA VELOCITA'

PWM FUNZIONA COME UN INTERRUITTORE CHE SI ACCENDE E SI SPEGNE COSTANTEMENTE, REGOLANDO COSÌ LA QUANTITÀ DI POTENZA GUADAGNATA DALLA VENTOLA O DAL MOTORE DELLA POMPA. IL SISTEMA PWM UTILIZZATO PER IL CONTROLLO DI VENTILATORI E POMPE FUNZIONA CON IL MOTORE, OTTENENDO +12V (PIENA POTENZA) O 0 V (NESSUNA ALIMENTAZIONE).

È IMPORTANTE SAPERE CHE QUI NON È COINVOLTA ALCUNA REGOLAZIONE DELLA TENSIONE E, UTILIZZANDO LA REGOLAZIONE PWM, IL MOTORE VIENE COSTANTEMENTE ALIMENTATO A 12 VOLT. PER QUESTO MOTIVO, L'INTESTAZIONE DELLA SCHEDA MADRE A 4 PIN DOVREBBE ESSERE UTILIZZATA SOLO PER UNA VENTOLA



VENTOLE

The Output of
3rd Wire Signal



COMMONWEALTH DC BRUSHLESS FAN

FP-108IT/DC



25x25x6mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108IT/DC (S1)	5	2.4	0.067	0.13	0.65	12000	0.183	26
	12	2.4	0.067	0.09	0.45	12000	0.183	26
FP-108IT/DC (S2)	5	1.8	0.051	0.08	0.40	9000	0.098	20.5
	12	1.8	0.051	0.06	0.12	9000	0.098	20.5

FP-108I/DC



25x25x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108I/DC (S1)	5	2.10	0.06	0.11	0.55	10000	0.14	22
	12	2.10	0.06	0.09	1.08	10000	0.14	22
FP-108I/DC (S2)	5	1.40	0.04	0.05	0.25	7000	0.07	25
	12	1.40	0.04	0.06	0.72	7000	0.07	25

FP-108ST/DC



30x30x6mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108ST/DC (S1)	5	3.09	0.087	0.12	0.6	8000	0.11	21
	12	3.09	0.087	0.10	1.2	8000	0.11	21
FP-108ST/DC (S2)	5	2.32	0.066	0.10	0.50	6000	0.085	19
	12	2.32	0.066	0.08	0.96	6000	0.085	19

FP-108S/DC



30x30x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108S/DC (S1)	5	4.23	0.12	0.21	1.05	9500	0.18	28
	12	4.23	0.12	0.12	1.44	9500	0.18	28
FP-108S/DC (S2)	5	3.56	0.10	0.18	0.90	8000	0.15	23
	12	3.56	0.10	0.11	1.32	8000	0.15	23
FP-108S/DC (S3)	5	2.45	0.07	0.09	0.45	5500	0.10	20
	12	2.45	0.07	0.06	0.72	5500	0.10	20

VENTOLE

Modelli
DC Fan



FP-108P/DC



35x35x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108P/DC (S1)	5	6	0.16	0.17	0.85	8000	0.13	30
	12	6	0.16	0.09	1.08	8000	0.13	30
FP-108P/DC (S2)	5	5.10	0.14	0.12	0.6	7000	0.10	27.5
	12	5.10	0.14	0.08	0.96	7000	0.10	27.5

FP-108HI/DC



40x40x7mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108HI/DC (S1)	5	6.70	0.17	0.15	0.75	6500	0.084	28
	12	6.91	0.18	0.15	1.80	7500	0.087	29
FP-108HI/DC (S2)	5	4.16	0.12	0.12	0.6	5500	0.045	22

FP-108HX/DC-A



40x40x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108HX/DC-A (S-U)	12	10.66	0.302	0.22	2.64	9000	0.248	39.8
FP-108HX/DC-A (S1)	5	5.93	0.168	0.26	1.30	6000	0.12	29
	12	5.93	0.168	0.11	1.32	6000	0.12	29
	24	5.93	0.168	0.10	2.40	6000	0.12	29
FP-108HX/DC-A (S2)	5	5.43	0.154	0.22	1.10	5000	0.09	27
	12	5.43	0.154	0.09	1.08	5000	0.09	27
	24	5.43	0.154	0.09	2.16	5000	0.09	27
FP-108HX/DC-A (S3)	5	4.41	0.125	0.18	0.90	4000	0.06	23
	12	4.41	0.125	0.07	0.84	4000	0.06	23
	24	4.41	0.125	0.08	1.92	4000	0.06	23

FP-108HX/DC



40x40x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108HX/DC (S1)	5	7.70	0.22	0.23	1.15	6500	0.95	28
	12	7.70	0.22	0.13	1.56	6500	0.95	28
FP-108HX/DC (S2)	5	6.50	0.18	0.18	0.90	5000	0.74	24
	12	6.50	0.18	0.09	1.08	5000	0.74	24

VENTOLE

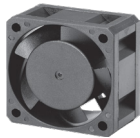
Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

VENTOLE

FP-108G/DC



40x40x20mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108G/DC (S1)	5	7.80	0.22	0.25	1.25	7000	0.17	31
	12	7.80	0.22	0.10	1.20	7000	0.17	31
	24	7.80	0.22	0.09	2.16	7000	0.17	31
FP-108G/DC (S2)	5	5.40	0.15	0.12	0.60	5000	0.14	23
	12	5.40	0.15	0.09	1.08	5000	0.14	23
	24	5.40	0.15	0.07	1.68	5000	0.14	23

FP-108GT/DC



40x40x28mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108GT/DC (S1)	12	15.50	0.44	0.28	3.36	10000	0.50	43
	24	15.50	0.44	0.18	4.32	10000	0.50	43
FP-108GT/DC (S2)	12	12.50	0.35	0.14	1.68	8000	0.32	38
	24	12.50	0.35	0.10	2.40	8000	0.32	38
FP-108GT/DC (S3)	12	11.00	0.31	0.10	1.20	7000	0.25	35
	24	11.00	0.31	0.08	1.92	7000	0.25	35

FP-108J/DC-A



50x50x10mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108J/DC-A (S-U)	12	14.30	0.40	0.21	2.52	5800	0.19	33
FP-108J/DC-A (S1)	5	12.30	0.35	0.30	1.50	5000	0.14	32
	12	12.30	0.35	0.14	1.68	5000	0.14	32
	24	12.30	0.35	0.12	2.88	5000	0.14	32
FP-108J/DC-A (S2)	5	10.40	0.30	0.24	1.20	4200	0.10	26
	12	10.40	0.30	0.11	1.32	4200	0.10	26
	24	10.40	0.30	0.10	2.40	4200	0.10	26
FP-108J/DC-A (S3)	5	8.40	0.24	0.18	0.90	3400	0.07	23
	12	8.40	0.24	0.08	0.96	3400	0.07	23
	24	8.40	0.24	0.08	1.92	3400	0.07	23

Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

FP-108J/DC



50x50x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power(W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108J/DC (S-1)	12	12.30	0.35	0.16	1.92	5500	0.10	32
	24	12.30	0.35	0.09	2.16	5500	0.10	32
FP-108J/DC (S-2)	12	8.80	0.25	0.10	1.20	4000	0.06	28
FP-108J/DC (S-3)	12	7.50	0.21	0.07	0.84	3500	0.05	20

FP-108JT/DC



50x50x15mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power(W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108JT/DC(S-1)	12	16.60	0.70	0.19	2.28	5500	0.17	33
FP-108JT/DC(S-2)	12	12.70	0.36	0.15	1.80	4500	0.10	28

FP-108T/DC



60x60x10mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power(W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108FT/DC (S-1)	12	23.50	0.66	0.21	2.52	4700	0.13	35
FP-108FT/DC (S-2)	12	20.00	0.60	0.16	1.92	4200	0.112	31

FP-108FI/DC



60x60x15mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power(W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108FI/DC(S-1)	5	27.20	0.77	0.64	2.20	4600	0.16	40
	12	27.20	0.77	0.26	3.12	4600	0.16	40
	24	27.20	0.77	0.18	4.32	4600	0.16	40
FP-108FI/DC(S-2)	5	22.50	0.64	0.36	1.80	3800	0.11	36
	12	22.50	0.64	0.21	2.52	3800	0.11	36
	24	22.50	0.64	0.10	2.40	3800	0.11	36
FP-108FI/DC(S-3)	5	17.80	0.50	0.20	1.00	3000	0.07	31
	12	17.80	0.50	0.11	1.32	3000	0.07	31
	24	17.80	0.50	0.07	1.68	3000	0.07	31

VENTOLE

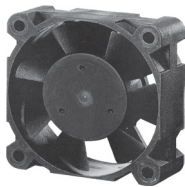
Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

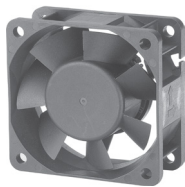
VENTOLE

FP-108FX/DC



60x60x20mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108FX/DC (S-1)	12	18	0.50	0.15	1.80	4300	0.15	30
	24	18	0.50	0.10	2.40	4300	0.15	30
FP-108FX/DC (S-2)	12	13	0.37	0.13	1.56	3500	0.10	27
	24	13	0.37	0.08	1.92	3500	0.10	27

FP-108F/DC



60x60x25,4mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108F/DC (S-1)	5	20.0	0.57	0.33	1.65	4000	0.17	30
	12	20.0	0.57	0.13	1.56	4000	0.17	30
	24	20.0	0.57	0.12	2.88	4000	0.17	30
FP-108F/DC (S-2)	12	15.5	0.44	0.11	1.32	3200	0.14	25
	24	15.5	0.44	0.10	2.40	3200	0.14	25
FP-108F/DC (S-3)	12	12.7	0.36	0.09	1.08	2900	0.10	22
	24	12.7	0.36	0.08	1.92	2900	0.10	22

Versioni high performance

FP-108F/DC (U-1)	12	38.5	1.10	0.39	4.68	7000	0.53	46
	24	38.5	1.10	0.22	5.28	7000	0.53	46
FP-108F/DC (U-2)	12	33.0	0.93	0.34	4.08	6000	0.40	42
	24	33.0	0.93	0.18	4.32	6000	0.40	42
FP-108F/DC (U-3)	12	28.0	0.80	0.23	2.76	5000	0.29	37
	24	28.0	0.80	0.13	3.12	5000	0.29	37

Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

VENTOLE

FP-108R/DC



70x70x15mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108R/DC (S-1)	12	37	1.05	0.34	4.08	4500	0.20	39
	24	37	1.05	0.27	6.48	4500	0.20	39
FP-108R/DC (S-2)	12	35	0.98	0.28	3.36	4200	0.17	38
	24	35	0.98	0.24	5.76	4200	0.17	38
FP-108R/DC (S-3)	12	31	0.88	0.24	2.88	3800	0.15	34
	24	31	0.88	0.20	4.80	3800	0.15	34

FP-108RT/DC



70x70x20mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108RT/DC (S-1)	12	36.0	1.02	0.30	4.60	4300	0.22	37
FP-108RT/DC (S-2)	12	30.5	0.86	0.18	2.16	3600	0.14	32
FP-108RT/DC (S-3)	12	24.5	0.69	0.15	1.80	2900	0.09	26

FP-108RX/DC



70x70x25mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
FP-108RX/DC (S-1)	12	54.0	1.53	0.62	7.44	6000	0.55	47
FP-108RX/DC (S-2)	12	50.0	1.40	0.52	6.24	5500	0.45	45
FP-108RX/DC (S-3)	12	45.3	1.28	0.33	3.96	5000	0.39	42

Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

FP-108DT/DC



80x80x15mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108DT/DC (S-1)	12	51	1.44	0.45	5.40	4000	0.21	42
	24	51	1.44	0.24	5.76	4000	0.21	42
FP-108DT/DC (S-2)	12	45	1.27	0.35	4.20	3500	0.17	40
	24	45	1.27	0.18	4.32	3500	0.17	40

FP-108DX/DC



80x80x20mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108DX/DC (S-U)	12	49	1.39	0.35	4.20	3800	0.19	38
FP-108DX/DC (S-1)	12	42	1.19	0.25	3.00	3100	0.14	35
	24	42	1.19	0.18	4.32	3100	0.14	35
FP-108DX/DC (S-2)	5	34	0.96	0.30	1.50	2700	0.09	29
	12	34	0.96	0.16	1.92	2700	0.09	29
	24	34	0.96	0.14	3.36	2700	0.09	29
FP-108DX/DC (S-3)	5	27	0.76	0.22	1.10	2100	0.06	22
	12	27	0.76	0.11	1.32	2100	0.06	22
	24	27	0.76	0.08	1.92	2100	0.06	22

FP-108D/DC



80x80x25,4mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108D/DC (S-1)	12	40	1.13	0.20	2.40	3200	0.22	35
	24	40	1.13	0.13	3.12	3200	0.22	35
FP-108D/DC (S-2)	12	33	0.93	0.16	1.92	2600	0.15	32
	24	33	0.93	0.11	2.64	2600	0.15	32
FP-108D/DC (S-3)	12	27.8	0.79	0.12	1.44	2200	0.09	25
	24	27.8	0.79	0.09	2.16	2200	0.09	25

VENTOLE

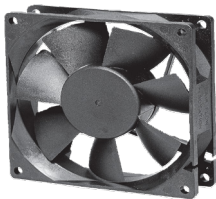
Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

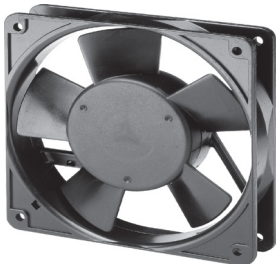
VENTOLE

FP-108B/DC



92x92x25,4mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108B/DC (S-1)	12	59.0	1.67	0.32	3.84	3000	0.16	36
	24	59.0	1.67	0.18	4.32	3000	0.16	36
FP-108B/DC (S-2)	12	50.5	1.43	0.20	2.40	2500	0.14	34
	24	50.5	1.43	0.14	3.36	2500	0.14	34
FP-108B/DC (S-3)	12	41.5	1.18	0.16	1.92	2200	0.09	26
	24	41.5	1.18	0.10	2.40	2200	0.09	26

FP-108M/DC



120x120x25,4mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108M/DC (S-1)	12	88	2.5	0.36	4.32	3000	0.20	45
	24	88	2.5	0.24	5.76	3000	0.20	45
FP-108M/DC (S-2)	12	75	2.1	0.25	3.00	2500	0.15	42
	24	75	2.1	0.18	4.32	2500	0.15	42
FP-108M/DC (S-3)	12	62	1.8	0.14	1.68	2000	0.12	25
	24	62	1.8	0.10	2.40	2000	0.12	25

Modelli
DC Fan



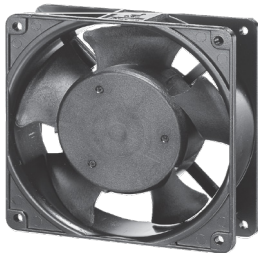
COMMONWEALTH DC BRUSHLESS FAN

FP-108-32/DC



120x120x32mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108-32/DC (S-1)	12	110	3.11	0.42	5.04	2900	0.22	43
	24	110	3.11	0.30	7.20	2900	0.22	43
	48	110	3.11	0.18	8.64	2900	0.22	43
FP-108-32/DC (S-2)	5	95	2.70	0.63	3.15	2500	0.19	40
	12	95	2.70	0.30	3.60	2500	0.19	40
	24	95	2.70	0.25	6.00	2500	0.19	40
	48	95	2.70	0.14	6.72	2500	0.19	40
FP-108-32/DC (S-3)	5	77	2.20	0.48	2.40	2000	0.17	36
	12	77	2.20	0.22	2.64	2000	0.17	36
	24	77	2.20	0.20	4.80	2000	0.17	36
	48	77	2.20	0.10	4.80	2000	0.17	36

FP-108/DC



120x120x38mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108/DC (U-1)	12	168	4.76	1.80	21.60	3400	0.43	50
FP-108/DC (S-1)	12	105	3.00	0.60	7.00	3000	0.28	45
	24	105	3.00	0.36	8.60	3000	0.28	45
	48	105	3.00	0.28	13.44	3000	0.28	45
FP-108/DC (S-2)	12	80	2.42	0.45	5.40	2500	0.23	33
	24	80	2.42	0.28	6.72	2500	0.23	33
	48	80	2.42	0.20	9.60	2500	0.23	33
FP-108/DC (S-3)	12	60	1.70	0.28	3.36	1900	0.14	26
	24	60	1.70	0.14	3.36	1900	0.14	26
	48	60	1.70	0.13	6.24	1900	0.14	26

VENTOLE

Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

VENTOLE

FP-108CX/DC



162x150x38mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108CX/DC (S-1)	12	140	4.00	0.75	9.0	2200	0.35	42
	24	140	4.00	0.40	9.60	2200	0.35	42
	48	140	4.00	0.23	11.04	2200	0.35	42
FP-108CX/DC (S-2)	12	110	3.12	0.55	6.60	1800	0.28	38
	24	110	3.12	0.35	8.40	1800	0.28	38
	48	110	3.12	0.19	9.12	1800	0.28	38

FP-108EX/DC



172x150x51mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108EX/DC (S-1)	12	270	7.64	2.20	26.40	3150	0.67	60
	24	290	8.23	1.20	28.80	3400	0.78	63
	48	290	8.23	0.73	35.04	3400	0.78	63
FP-108EX/DC (S-2)	12	245	6.94	1.80	21.60	2900	0.55	58
	24	245	6.94	0.77	18.48	2900	0.55	58
	48	245	6.94	0.38	18.24	2900	0.55	58
FP-108EX/DC (S-3)	12	205	5.80	1.10	13.20	2400	0.40	53
	24	205	5.80	0.48	11.52	2400	0.40	53
	48	205	5.80	0.25	12.00	2400	0.40	53

Modelli
DC Fan



COMMONWEALTH DC BRUSHLESS FAN

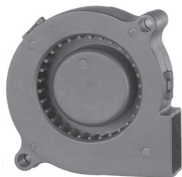
FP-108-7/DC



127x127x38mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
FP-108-7/DC (S-1)	12	140	4.00	0.48	5.76	3000	0.35	45
	24	140	4.00	0.33	7.92	3000	0.35	45
	48	140	4.00	0.25	12.00	3000	0.35	45
FP-108-7/DC (S-2)	12	110	3.10	0.35	4.20	2500	0.30	38
	24	110	3.10	0.25	6.00	2500	0.30	38
	48	110	3.10	0.22	10.56	2500	0.30	38
FP-108-7/DC (S-3)	12	85	2.40	0.25	3.00	2000	0.28	32
	24	85	2.40	0.20	4.80	2000	0.28	32
	48	85	2.40	0.18	8.64	2000	0.28	32

COMMONWEALTH DC BRUSHLESS BLOWER

CIC-5015



50x50x15mm	Volt (VDC)	Air (CFM)	Volume (M³/MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H2O)	Noise (dBA)
CIC-5015 (S-1)	5	4.40	0.12	0.28	1.40	5000	0.70	38
	12	4.40	0.12	0.14	1.78	5000	0.70	38
CIC-5015 (S-2)	5	3.50	0.10	0.18	0.90	4000	0.40	32
	12	3.50	0.10	0.09	1.08	4000	0.40	32
CIC-5015 (S-3)	5	2.50	0.07	0.10	0.50	3000	0.24	25
	12	2.50	0.07	0.06	0.72	3000	0.24	25

VENTOLE

Modelli
DC Fan



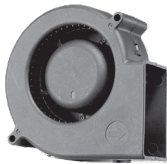
COMMONWEALTH DC BRUSHLESS BLOWER

CIC-80



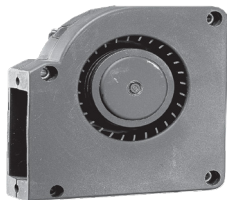
76x75x30mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
CIC-80	12	9.50	0.27	0.20	2.40	2900	0.23	32
	24	9.50	0.27	0.12	2.88	2900	0.23	32

CIC-100



97x94x33mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
CIC-100 (S-1)	12	26	0.74	0.86	10.32	3600	1.00	51
	24	26	0.74	0.60	14.40	3600	1.00	51
CIC-100 (S-2)	12	23	0.65	0.64	7.68	3200	0.75	48
	24	23	0.65	0.40	9.60	3200	0.75	48
CIC-100 (S-3)	12	19	0.54	0.48	5.76	2600	0.52	44
	24	19	0.54	0.15	3.60	2600	0.52	44

CIC-120



120x120x31mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
CIC-120	12	25	0.70	0.60	7.20	2700	0.60	45
	24	25	0.70	0.33	7.92	2700	0.60	45

CIC-120-A



120x120x32mm	Volt (VDC)	Air (CFM)	Volume (M ³ /MIN)	Current (A)	Power (W)	Speed (RPM)	Static Pressure (INCH-H ₂ O)	Noise (dBA)
CIC-120-A (S-1)	12	32.5	0.92	0.95	11.40	2800	1.00	54
	24	32.5	0.92	0.54	12.96	2800	1.00	54
CIC-120-A (S-2)	12	24.0	0.68	0.40	4.80	2000	0.60	46
	24	24.0	0.68	0.32	7.68	2000	0.60	46
CIC-120-A (S-3)	12	17.0	0.48	0.16	1.92	1400	0.40	32
	24	17.0	0.48	0.11	2.64	1400	0.40	32

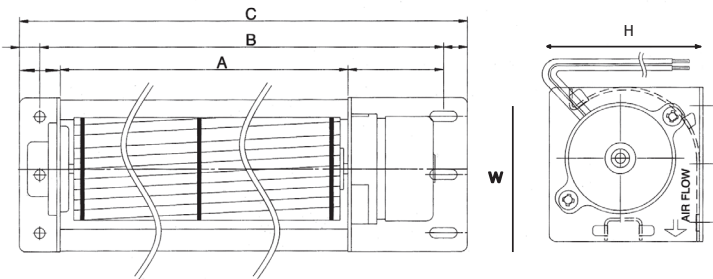
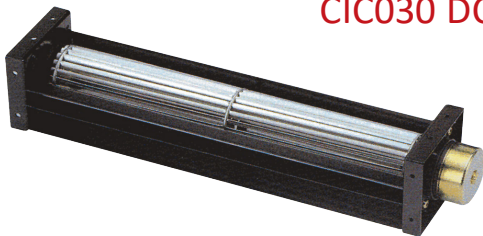
VENTOLE

Modelli
DC Fan



COMMONWEALTH DC CROSSFLOW FAN

CIC030 DC SERIES



Model	Size A	Size B	Size C	Size H	Size W	Volt (VDC)	Current (A)	Speed (RPM)	Air flow M/min	Static Pressure (mmAq)	Noise (dBA)
CIC-S03009D12V / 24V	98	132	145	45	45	12V / 24V	0.16 / 0.14	3300/3500	0.5/0.6	0.9/1.0	35/38
CIC-S03015D12V / 24V	160	194	207	45	45	12V / 24V	0.19 / 0.16	3000/3200	0.7/0.8	1.4/1.5	35/37
CIC-S03019D12V / 24V	198	232	245	45	45	12V / 24V	0.22 / 0.18	2800/3000	0.9/1.0	1.6/1.8	35/38
CIC-S03029D12V / 24V	300	334	347	45	45	12V / 24V	0.26 / 0.20	2500/2700	1.4/1.5	1.9/2.1	36/39
CIC-E03009D12V / 24V	98	132	145	48	50	12V / 24V	0.16 / 0.14	3300/3500	0.5/0.6	0.9/1.0	35/38
CIC-E03015D12V / 24V	160	194	207	48	50	12V / 24V	0.19 / 0.16	3000/3200	0.7/0.8	1.4/1.5	35/37
CIC-E03019D12V / 24V	198	232	245	48	50	12V / 24V	0.22 / 0.18	2800/3000	0.9/1.0	1.6/1.8	35/38
CIC-E03029D12V / 24V	300	334	347	48	50	12V / 24V	0.26 / 0.20	2500/2700	1.4/1.5	1.9/2.1	36/39
CIC-E04009D12V / 24V	98	108	132	60	60	12V / 24V	0.22 / 0.17	3000	0.8	2.8	37
CIC-E04015D12V / 24V	160	170	194	60	60	12V / 24V	0.32 / 0.16	2600	1.2	3.0	38
CIC-E04019A12V / 24V	198	208	232	60	60	12V / 24V	0.36 / 0.17	2450	1.4	3.2	40
CIC-E04029D12V / 24V	300	310	338	60	60	12V / 24V	0.47 / 0.23	2200	2.1	3.5	42
CIC-E05009D12V / 24V	98	108	135	70	70	12V / 24V	0.28 / 0.16	2700	1.2	3.5	39
CIC-E05019D12V / 24V	198	208	234	70	70	12V / 24V	0.78 / 0.48	2700	2.4	3.8	43
CIC-E05029D12V / 24V	298	308	362	70	70	12V / 24V	0.90 / 0.55	2500	3.2	4.3	45
CIC-E06012D12V / 24V	123	138	74	90	98	12V / 24V	0.75 / 0.48	2600	1.9	3.0	44
CIC-E06018D12V / 24V	184	199	235	90	98	12V / 24V	0.85 / 0.51	2400	2.8	3.5	46
CIC-E06024D12V / 24V	245	260	296	90	98	12V / 24V	1.00 / 0.61	1900	3.0	3.8	45
CIC-E06030D24V / 48V	306	321	430	90	98	24V / 48V	2.00 / 1.00	3500	6.9	8.5	65

VENTOLE

Modelli
DC Fan

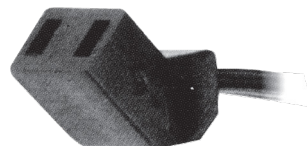
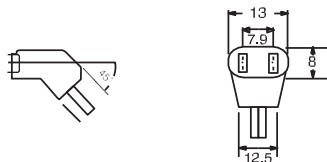


POWER CORD

VENTOLE

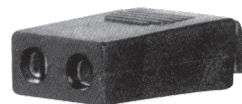
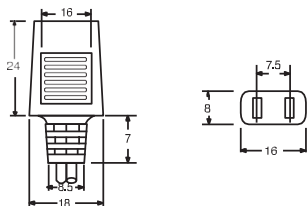
A-1 45° STYLE

FOR 0.5MM PUSH-IN TERMINAL PINS



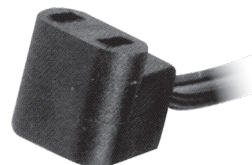
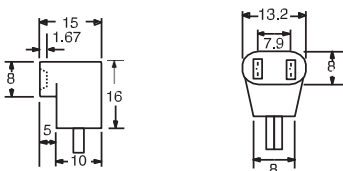
A-2 STRAIGHT STYLE

FOR 0.7 OR 0.5MM PUSH-IN TERMINAL PINS



A-3 90° STYLE

FOR 0.5MM PUSH-IN TERMINAL PINS



A1-01, A2-02, A3-03 300 mm

A1-06, A2-06, A3-06 600 mm

A1-10, A2-10, A3-10 1000 mm

A1-20, A2-20, A3-20 2000 mm

A1-30, A2-30, A3-30 1000 mm

ACCESSORI



KIT FILTRI PLASTICI



D-1 60X60MM



D-2 80X80MM

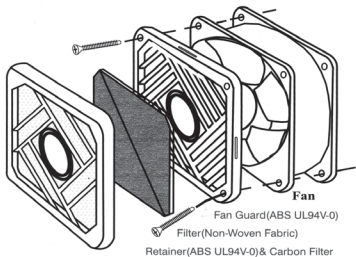
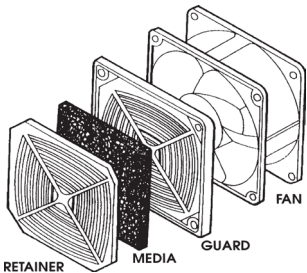


D-3 92X92MM



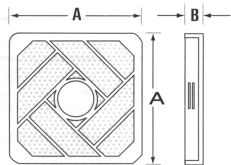
D-4 120X120MM

GUARD: PLASTIC UL 94V-0
RETAINER: PLASTIC UL 94V-0
MEDIA: PU FOAM 30 OR 45PPI



DIMENSIONI (in mm)

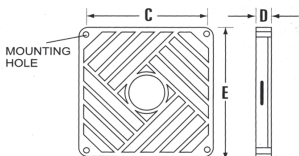
MODEL NO.	FAN SIZE	DIM. A	DIM. B	DIM. C	DIM. D	DIM. E	MONTING Hole Diam.
E-1	60	65.0	9.5	50.0	5.0	61.0	3.8
E-2	80	85.3	12.3	71.5	6.0	81.0	3.8
E-3	92	95.8	12.3	82.5	6.0	92.8	3.8
E-4	120	125.7	12.3	104.8	6.0	121.4	5.1



Retainer+ Carbon Filter

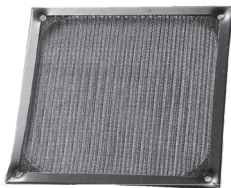


Filter (Density=Low, Medium, or High)



Fan Guard

FILTRI METALLICI



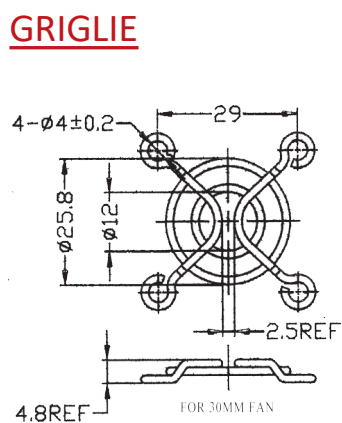
MODEL	Fan Size (mm)	MATERIAL	Frame size (mm)	Mounting hole diam. (mm)	Finish
M-1	60	Frame Aluminium (with 0,6mm thickness)	60	4.32	Natural Black
M-2	80		83,8	4.32	Natural Black
M-3	92	Screen/stainless mesh (mesh: 30#/25,4mm stainless steel)	92	4.32	Natural Black
M-4	120		120	4.32	Natural Black
M-5	162 - 172		182	4.32	Natural Black

VENTOLE

ACCESSORI

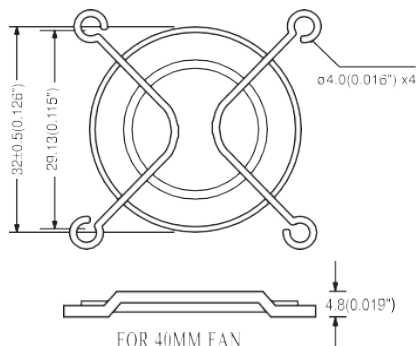


GRIGLIE



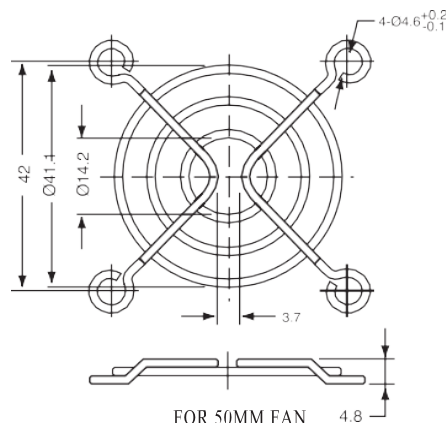
FOR 30MM FAN

B-12
30mm



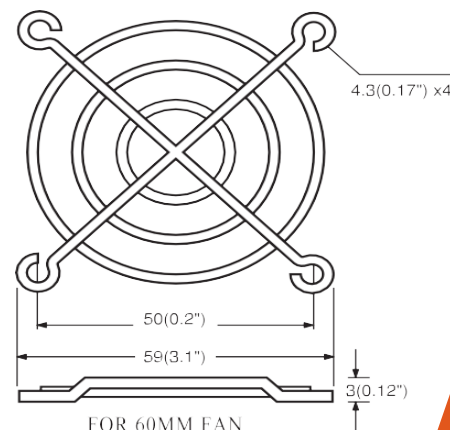
FOR 40MM FAN

B-6
40mm



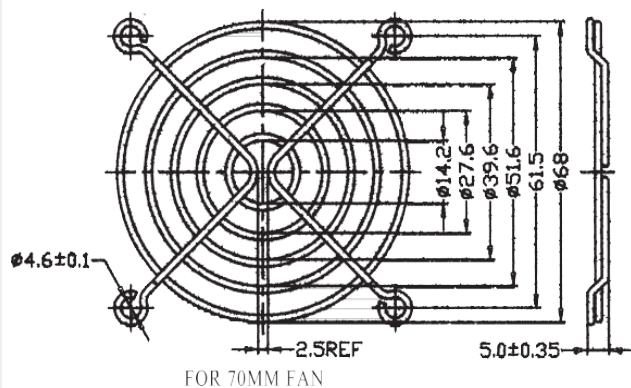
FOR 50MM FAN

B-8
50mm



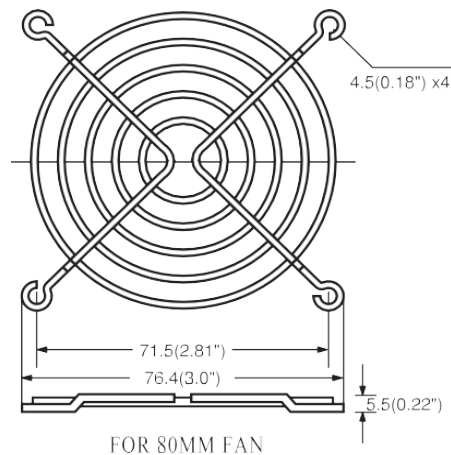
FOR 60MM FAN

B-1
60mm



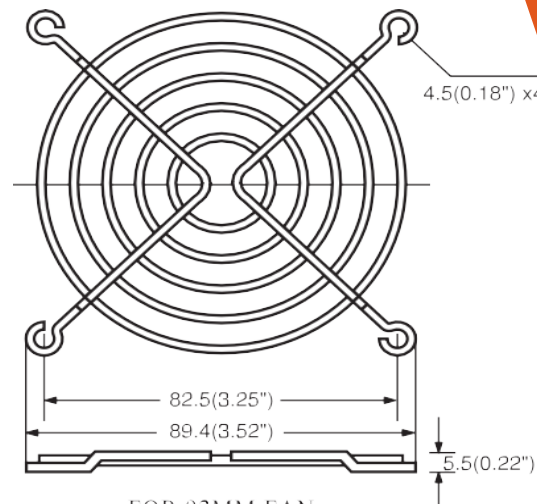
FOR 70MM FAN

B-11
70mm



FOR 80MM FAN

B-2
80mm



FOR 92MM FAN

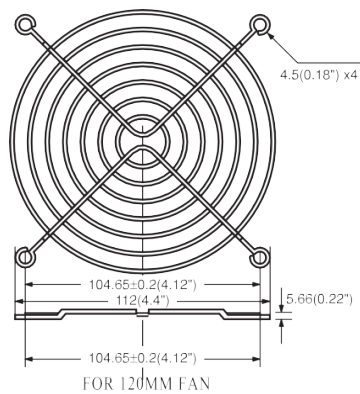
B-3
92mm

VENTOLE

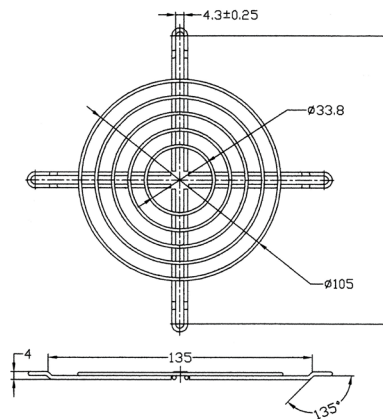
ACCESSORI



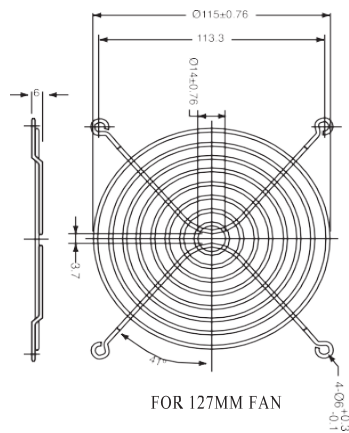
GRIGLIE



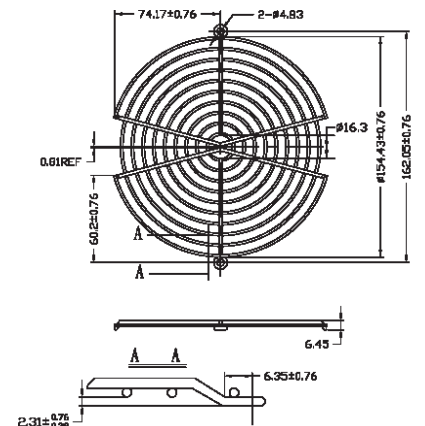
B -4
120mm



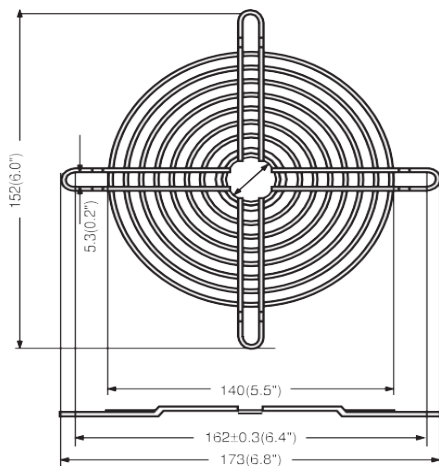
B -4-5
120mm



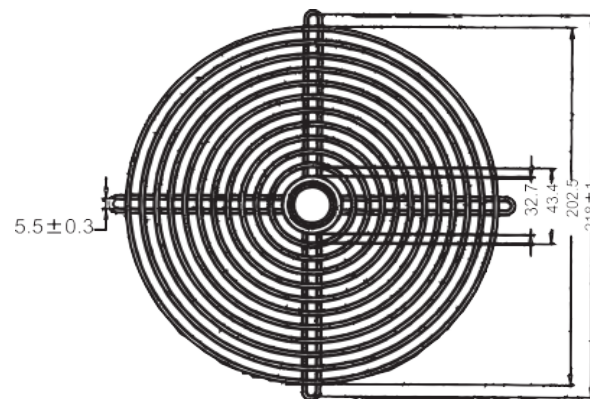
B -7
127mm



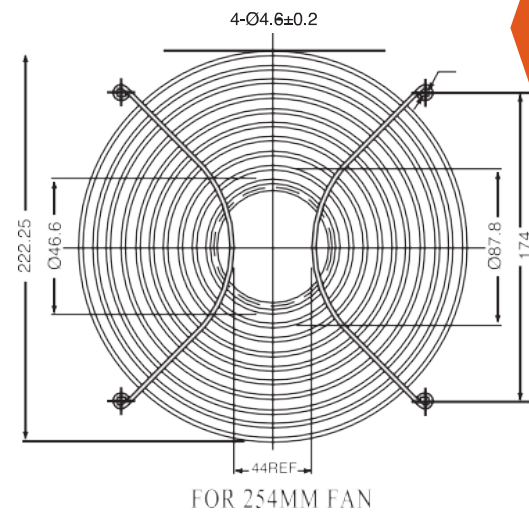
B -5-2
162x150mm



B -5
162 & 172mm



B -10
220mm



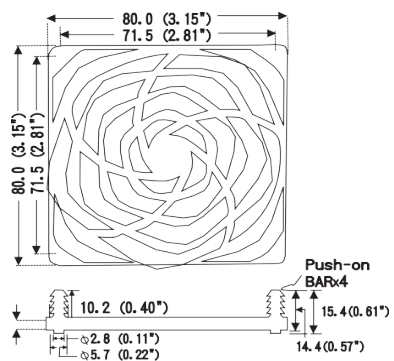
B -9
254mm

VENTOLE

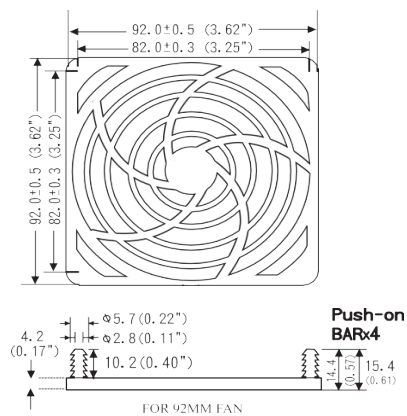
ACCESSORI



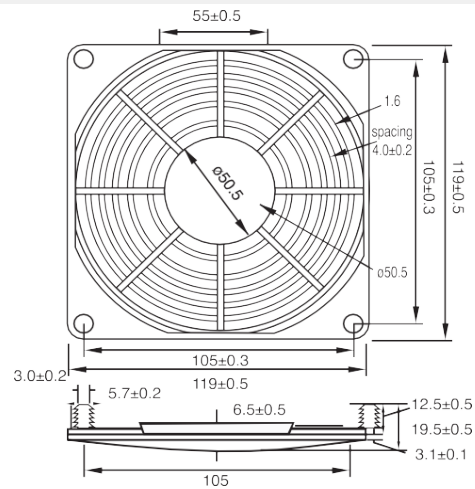
GRIGLIE PLASTICHE



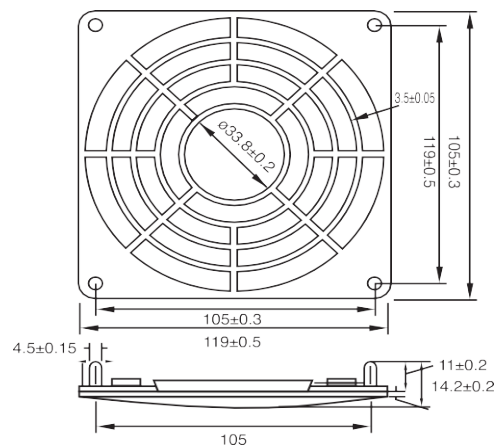
C-2
80mm



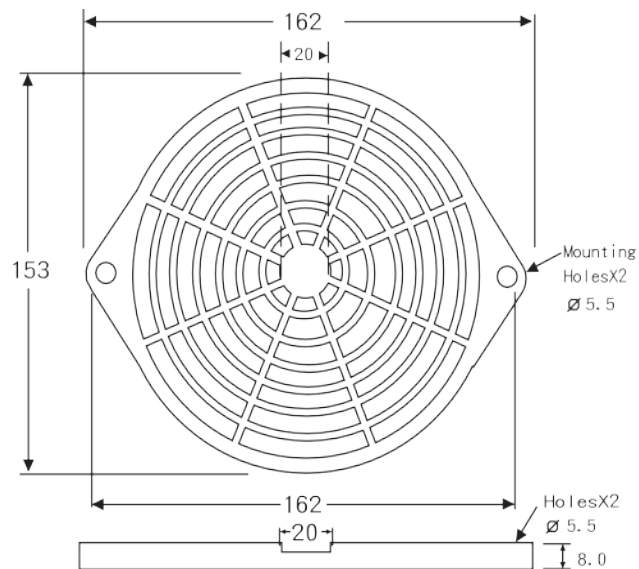
C-3
92mm



C-4
120mm



C-4A
120mm



C-5
162 & 172mm

VENTOLE

ACCESSORI





ELCART
componenti elettronici
electronic components

RICHIESTA FUORI CATALOGO

Dimensioni (mm HxLxP) Terminazione

Tensione (V) Tipo Tensione (AC/DC) Supporto

Portata Aria (CFM) Volume (M³/min.) Assorbimento (Ah)

Rumorosità (dBA) Omologazioni Classe di Protezione (IP)

Funzioni Aggiuntive Applicazione

Varie

Quantità Target

ELCART DISTRIBUTION S.P.A

VIA MICHELANGELO BUONARROTI 46 - 20093 COLOGNOMONZESE (MI) Tel. 02/25.11.73.10 SITO: WWW.ELCART.COM E-MAIL: INDUSTRIA@ELCART.IT

VENTOLE

**RICHIESTE FUORI
CATALOGO**

