

Cirrus 25



Cirrus 25	25 / 1				25 / 2			
	5W	10W	20W	10W	20W	30W	40W	
Nominal Power Output at 50 °F, 12 V or 230 V*	5W	10W	20W	10W	20W	30W	40W	
Rated fan current (amps) at 12V	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
Recommended fuse at 12V/24V	4	4	4	4	4	4	6	
Time delay (Amps) at 115 / 230V	n/a	n/a	n/a	n/a	2	2	2	
Fan volumetric flow at zero static pressure cfm	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	3.00 (5.1m ³ /hr)	
Fan lifetime at 104 °F (40°C), L 10 hours	120,000	120,000	120,000	120,000	120,000	120,000	120,000	
Fan operating temperature °F	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	
°C	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	
Input Voltage (V) fan DC	12	24	12	24	12	24	12	24
	12	24	12	24	12	24	12	24
heater	12	24	12	24	n/a	24	n/a	24
					12	n/a	12	24
					12	n/a	12	24
					115/230		115/230	
					115/230		115/230	
					115/230		115/230	
Dimensions cross section, inches	1.02 x 1.06	1.02 x 1.06	1.02 x 1.06	1.02 x 1.06	1.02 x 1.06	1.02 x 1.06	1.02 x 1.06	
mm	(26 x 27)	(26 x 27)	(26 x 27)	(26 x 27)	(26 x 27)	(26 x 27)	(26 x 27)	
Length of profile and fan, inches (mm)	1.96 (50)	1.96 (50)	1.96 (50)	2.84 (72)	2.83 (72)	2.83 (72)	2.83 (72)	
Weight oz (g)	2.12 (60)	2.12 (60)	2.12 (60)	3.17 (90)	3.17 (90)	3.17 (90)	3.17 (90)	
Protection Rating	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	
Cable length inches (mm)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	
Outlet Finger Guard (High Voltage supply)	n/a	n/a	n/a	n/a	Y	Y	Y	
Outlet Finger Guard (Low Voltage supply)	Option	Option	Option	Option	Option	Option	Option	

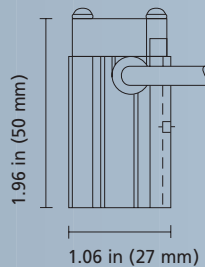
When specifying 12V fan, select either ac or dc operation. For 24V fan operation ac or dc can be applied.* Other power outputs available upon request.

Ordering Example:

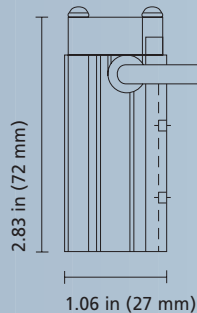
Type	Size	Power	Fan input	AC / DC	Heater Voltage	Finger guard outlet	DIN clip
						1 / 0	1 / 0
C25	2	30W	12V	DC	24V	0	1

Order Code Example: C25 / 2 – 30W – 12V – DC – 24V – 0 – 1

Model 25 / 1



Model 25 / 2



Features:

- High power to size ratio
- Lightweight
- Easy to fit
- Pre-wired
- Independent fan circuit to aid climate cooling

Options:

- Finger guard at outlet
- Smartcon®- Cable to allow AC fan supply and/or 24V fan supply
- 35mm DIN Rail clip (EN50022)



DBK USA INC.

212 Northeast Drive
Spartanburg, SC 29303

Phone: (864) 599 - 1600
Fax: (864) 578 - 6464

info@dbk-usa.com
www.dbk-usa.com

Cirrus 40



Cirrus 40		40/1				40/2			
Nominal Power Output at 50°F, 12V or 230 V**		50 W	60 W	80 W	100 W	125 W	150W	200 W	230 W
Rated fan current (amps)	at 12V	0.095	0.095	0.095	0.095	0.095	0.095	0.095	0.165
Recommended fuse	at 12V/24V	6	6	n/a	n/a	n/a	n/a	n/a	n/a
Time delay (Amps)	at 115 / 230 V	2	2	2	4	4	4	4	4
Fan volumetric flow at zero static pressure	cfm	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)	7.29 (12.4m ³ /hr)
Fan lifetime at	104°F (40°C), L 10 hours	120,000	120,000	120,000	120,000	120,000	120,000	120,000	50,000
Fan operating temperature	°F	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158	14 to 158
	°C	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-10 to +70	-20 to +60
Input Voltage (V)	fan DC	12	24	12	24	12	24	12	24
	heater	12	24	12	24	12	24	n/a	n/a
		115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230
Dimensions	cross section, inches	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65	1.65 x 1.65
	mm	(42 x 42)	(42 x 42)	(42 x 42)	(42 x 42)	(42 x 42)	(42 x 42)	(42 x 42)	(42 x 42)
	Length of profile and fan, inches (mm)	2.83 (72)	2.83 (72)	2.83 (72)	2.83 (72)	4.21 (107)	4.21 (107)	4.21 (107)	4.60 (117)
Weight	oz (g)	6.17 (175)	6.17 (175)	6.17 (175)	6.17 (175)	3.16 (260)	3.16 (260)	3.16 (260)	9.69 (275)
Protection Rating		IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Cable length	inches (mm)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)	23.62 (600)
Outlet Finger Guard	(High Voltage supply)	Y	Y	Y	Y	Y	Y	Y	Y
Outlet Finger Guard	(Low Voltage supply)	Option	Option	Option	Option	n/a	n/a	n/a	n/a

When specifying 12V fan, select either ac or dc operation. For 24V fan operation ac or dc can be applied.

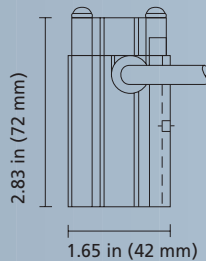
*Typical power reduction of 25% when filter is in use.** Other voltages and power outputs available upon request.

Ordering Example:

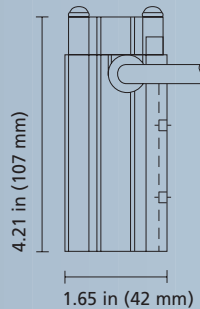
Type	Size	Power	Fan input	AC/DC	Heater Voltage	Finger guard		DIN clip	Filter
						outlet 1/0	inlet 1/0		
C40	2	125W	24V	AC	240V	1	0	1	1

Order Code Example: C40 / 2 – 125W – 24V – AC – 240V – 1 – 0 – 1 – 1

Model 40/1



Model 40/2



Features:

- High power to size ratio
- Lightweight
- Easy to fit
- Pre-wired
- Independent fan circuit to aid climate cooling

Options:

- Finger guard on either end
- Filter Assembly*
- Smartcon®- Cable to allow AC fan supply and/or 24V fan supply
- 35mm DIN Rail clip (EN50022)



DBK USA INC.

212 Northeast Drive
Spartanburg, SC 29303

Phone: (864) 599- 1600
Fax: (864) 578- 6464

info@dbk-usa.com
www.dbk-usa.com

Cirrus 60



Cirrus 60		FGC 3000	FGC 3001
Nominal Power at 50 °F (10°C)	W	200 / 300 / 400	200 / 300 / 400
Nominal Input Voltage	V	230 VAC	115 VAC
Nominal Input Frequency	Hz	50	60
Operating Temperature Range	°F (°C)	14 to 158 (-10 to +70)	14 to 158 (-10 to +70)
Storage Temperature Range	°F (°C)	-40 to +70°C	-40 to +70°C
Fan Lifetime (MTTF at 68 °F, 30°C)	h	329,447	329,447
Fan Volumetric Flow, approx.	cfm (m³/h)	5.89 (10)	7.65 (13)
Weight, add 1.23 (35g) for bracket	oz (g)	9.69 (275)	9.69 (275)
Dimensions	Cross section inches (mm)	2.79 x 2.75 (71 x 70)	2.79 x 2.75 (71 x 70)
	Length inches (mm)	3.79 (96.5)	3.79 (96.5)
Harness Length	inches (mm)	9.44 (240)	9.44 (240)
Ingress Rating, EN60529		IP 20	IP 20
Electrical Protection Class		II	II
Recommended Fuse, Time Delay	A	6.3	6.3
Recommended MCB Type B	A	6	6

Features:

- High power to size ratio
- Lightweight
- Easy to fit
- Three power settings
- Independent fan circuit to aid climate cooling
- FGB 300: 35mm DIN Rail clip (EN 50022)



DBK USA INC.

212 Northeast Drive
Spartanburg, SC 29303

Phone: (864) 599 - 1600
Fax: (864) 578 - 6464

info@dbk-usa.com
www.dbk-usa.com

Cirrus 80



Cirrus 80			
Nominal Power output	at 50°F (10°C)	300/600 W	450/800 W
Recommended fuse	at 115 V/230 V	5	6
Time delay	Amps		
Fan volumetric flow, approx.	(m ³ /hr)	20.60 CFM (35)	20.60 CFM (35)
Fan lifetime	at 104°F (40°C) L10, hours	43,500	43,500
Fan operating temperature	°F (°C)	-40 to +122 (-40 to +50)	-40 to +122 (-40 to +50)
Nominal Input voltage		115 V / 230 VAC	115 V / 230 VAC
Dimensions inches (mm)	cross section	3.23 x 4.33 (82 x 110)	3.23 x 4.33 (82 x 110)
	length	5.91 (150)	5.91 (150)
Ingress Protection		IP 20	IP 20
Weight	oz (kg)	27 (0.785)	27 (0.785)
Finger guards	inlet and outlet	Y	Y

Ordering Example:

Type	Power	Heater Voltage	DIN clip	Filter
			1 / 0	1 / 0
C80	600 W	230 V	1	1

Order Code Example: C80 – 600 W – 230 V – 1 – 1

Features

- High power to size ratio
- Lightweight
- Easy to fit
- Screw terminals for easy wiring
- Dual power feature
- Independent fan circuit to aid climate cooling

Options

- Filter Assembly*
- 35mm DIN Rail clip (EN50022)



* Typical power reduction of 10% when 30 PPI filter fixed. Data is given for illustration purposes only and does not exempt the customer from independent application tests.

DBK USA INC.

212 Northeast Drive
Spartanburg, SC 29303

Phone: (864) 599 - 1600
Fax: (864) 578 - 6464

info@dbk-usa.com
www.dbk-usa.com