

Long Life

SANYO DENKI



- Up to 20 years (200,000 hours) continuous operation, 5 times longer life than conventional fans
- Diecast aluminium housing with **UL94V-1** plastic impeller
- Oversize ball bearings
- Reverse polarity and locked rotor protection
- Connection by two 300mm, 24Awg leads
- Conforms to **EN609-50**

Life expectancy >200,000 hrs (120mm), >100,000 hrs (80mm, 92mm and 140mm)

Dimensions			Voltage	Power	Air Flow		Noise	Mftrs.	Order
H	W	D	V dc	Watts	cu ft/min	ltrs/sec	dBA @ 1m	List No.	Code
80	80	25	12	2.1	37.5	17.73	32	109L0812H402	994-8198
80	80	25	24	2.1	37.5	17.73	32	109L0824H402	994-8201
92	92	25	12	2.5	48.9	23	33	109L0912H402	994-8210
92	92	25	24	2.8	48.9	23	33	109L0924H402	994-8228
120	120	38	12	4.8	106	50	41	109L1212H102	994-8236
120	120	38	24	5	106	50	41	109L1224H102	994-8244
120	120	38	48	5.7	106	50	41	109L1248H102	994-8163
140	140	51	12	16.8	209	98.5	52	109L1412H502	994-8171
140	140	51	24	14.4	209	98.5	52	109L1424H502	994-8180

Fan size	80mm	92mm	120mm	140mm
Cut-out ∅	78	89	117	136
Fixing centres	71.5	82.5	104.8	142.5
Fixing hole ∅	4.3	4.3	4.3	4.3

127mm 'Galaxy'



- Feathered edge impeller for low noise
- Stainless steel ball bearings
- **CSA** and **VDE** approved, **UL** recognised
- 3.05mm solder terminals

Voltage V dc	Power Watts	Air Flow cu ft/min	ltrs/sec	Noise dBA@1m	Mftrs. List No.	Order Code
12	15	150	71	53.6	GL12B4	102-3647
24	15	150	71	53.6	GL24B4 031075	102-3648

Dimensions			Voltage	Order Code	Price Each				
H	W	D	V dc		1+	5+	10+	15+	+
127	127	38	12	102-3647	3,672.00	3,373.00	3,122.00	2,938.00	--
127	127	38	24	102-3648	3,672.00	3,373.00	3,122.00	2,938.00	--

172mm



- Metal fan housing and impeller
- Fitted with ball bearings
- Electronic protection against reverse polarity and blocking
- Electronic motor current limitation on start up and when rotor is blocked
- **VDE** and **CSA** approved, **UL** recognised

Voltage V dc	Power Watts	Air Flow cu ft/min	ltrs/sec	Noise dBA@1m	Mftrs. List No.	Order Code
12	12	206	97.7	50	6212NM	960-0213
24	18	241.3	114	55	6224N	960-0221

Dimensions			Voltage	Order Code	Price Each				
Dia.	Depth	V dc	1+		5+	10+	15+	+	
172	51	12	960-0213	4,515.00	4,401.00	4,289.00	4,063.00	--	
172	51	24	960-0221	3,939.00	3,840.00	3,742.00	3,545.00	--	

IP54 Rated

ebmpapst



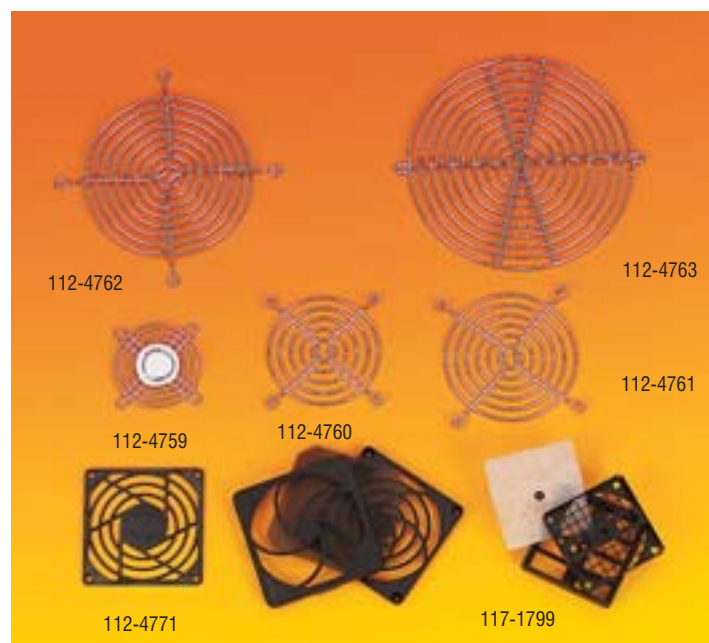
- **IP54** rating gives protection in extreme environmental conditions
- Complete stator and PCB are totally encapsulated in polyurathane which is applied under high vacuum pressure forming a one piece moulding
- High quality stainless steel bearing system

Dimensions			Voltage	Power	Air Flow		Noise	Mftrs.	Order
H	W	D	V dc	Watts	cu ft/min	ltrs/sec	dBA @ 1m	List No.	Code
80	80	32	12	2.2	32	15.1	36	8312U	960-0140
80	80	32	24	2.2	32	15.1	36	8314U	960-0159
120	120	32	12	5.4	82.4	38.8	39	4312U	960-0167
120	120	32	24	2.6	82.4	38.8	39	4314U	960-0175

Dimensions			Voltage	Order Code	Price Each			
H	W	D	V dc		1+	10+	25+	50+
80	80	32	12	960-0140	2,719.00	2,584.00	2,447.00	2,175.00
80	80	32	24	960-0159	2,572.00	2,443.00	2,321.00	2,205.00
120	120	32	12	960-0167	2,950.00	2,803.00	2,656.00	2,360.00
120	120	32	24	960-0175	2,950.00	2,803.00	2,656.00	2,360.00

Accessories

Finger Guards and Filters



Finger Guards	Order Code	1+	10+	Price Each		
40mm, Metal	112-4757	189.00	174.00	164.00	149.00	--
50/62mm, Metal	112-4759	202.00	188.00	176.00	166.00	--
80mm, Metal	112-4760	218.00	196.00	186.00	173.00	--
80mm, Plastic	112-4771	168.00	158.00	139.00	123.00	--
92mm, Metal	112-4761	225.00	222.00	215.00	202.00	--
92mm, Plastic	112-4774	171.00	162.00	145.00	117.00	--

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Fans

Compliant  
Non-compliant  
RoHS  
+ Limited stock - RoHS replacement available