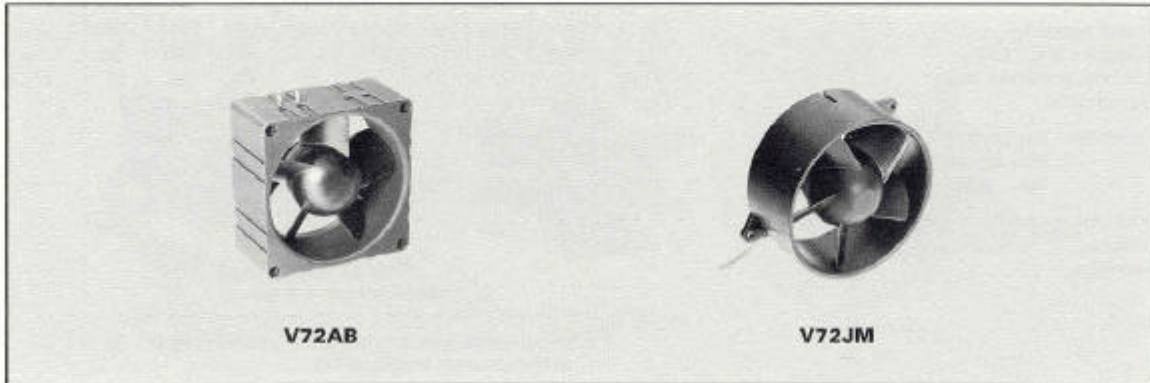


Series V72

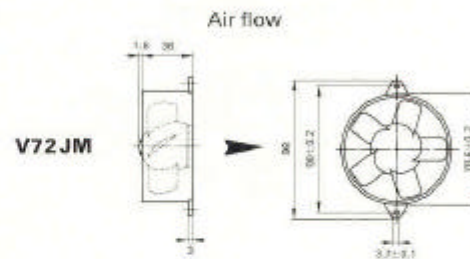
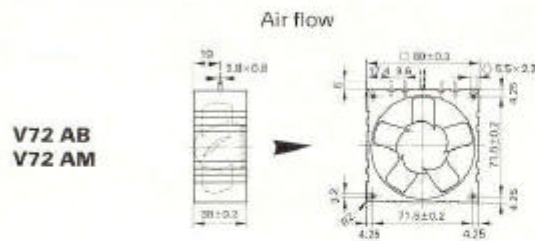
AC~



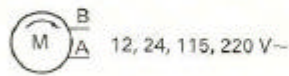
- Housing and impeller of black glass-fibre reinforced plastic
- Mounting with M3 screws
- Electrical connection by two flat tabs 2.8×0.8 mm or leads
- Capacitor integrated

- Housing and impeller of black glass-fibre reinforced plastic
- Mounting with M3 screws
- Electrical connection according to diagram
- External capacitor required
- UL-recognized 12, 24, 115 and 220 V
- CSA-recognized 12, 24 and 115 V

Dimensions (in mm)



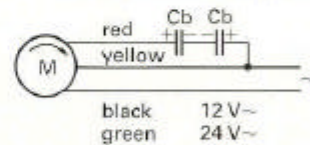
Diagrams



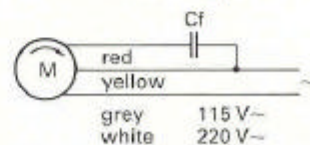
Flat tabs 2.8×0.8 mm



12 V~: 100 – 100 μ F
24 V~: 22 – 22 μ F



115 V~: 2.2 μ F
220 V~: 0.68 μ F



Type AM colour of leads as with V72JM
Connecting leads AWG 28, 0.08 mm²
min. 200 mm long

Cb = 2 electrolytic capacitors connected back to back
Cf = Foil capacitor

Technical data

Nominal voltage
 Frequency
 Nominal current max.
 Nominal power input
 Stall current
 Speed typically
 Flow rate SUCTION
 Static pressure difference, SUCTION
 Acoustic emission level
 Expected life

Capacitor: Capacitance
 Voltage over C min.
 Current load min.

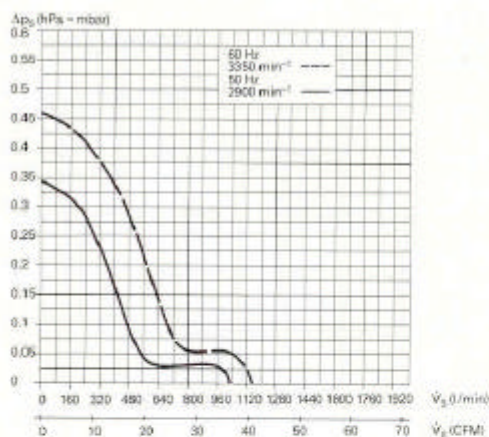
Ambient temperature range
 Weight V72AB/V72JM
 Bearings

	12		24		115*		220*		
U_N	50	60	50	60	50	60	50	60	V
f	520	550	280	280	60	65	30	35	Hz
I_N	6.24	6.60	6.72	6.72	6.90	7.47	6.60	7.70	mA
P_N	520	550	280	280	60	65	30	35	VA
I_H	2750	3300	2750	3300	2750	3300	2750	3300	mA
n	1030	1150	1030	1150	1030	1150	1030	1150	min ⁻¹
\dot{V}_S	34	46	34	46	34	46	34	46	l/min
Δp_S	32	36	32	36	32	36	32	36	Pa
L_{pA}	15 000		15 000		15 000		15 000		dB(A)
t	50		12		2.2		0.68		h
C	25	30	50	60	130		250		μ F
U_C	300	350	150	180	65	80	40	50	V
I_C	-20 ... +65 190/145 Sleeve bearings (Ball bearings on request)								°C
T									m

* Type V72AB also with winding for alternative use on 115 volts or 220 volts.

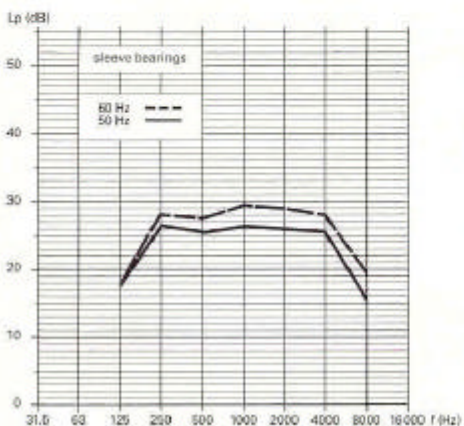
* Also available with motor winding of 80 volts for the use with C-modules (see page 43).

Airflow performance graph



V72AB/V72JM

Acoustic emission graph



V72AB/V72JM