

AFC 81

Ø81mm(Ø3.19")

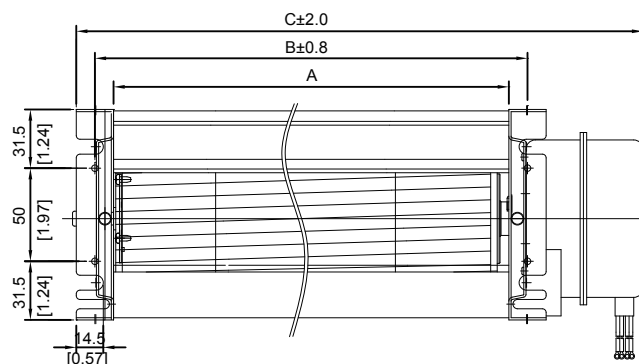


HOUSING
IMPELLER
BEARING
OPERATING VOLTAGE

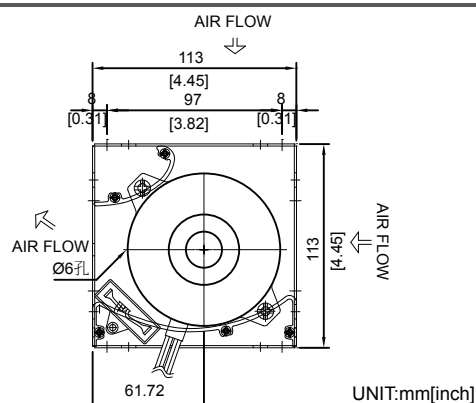
DIELECTRIC STRENGTH
INSULATION
INSULATION RESISTANCE
OPERATING TEMPERATURE
SAFETY
ROHS COMPLIANCE
MOTOR TYPE

Metal / Aluminum
Aluminum, Ø81mm
Ball
85VAC to 125VAC for 115V Type
185VAC to 245VAC for 230V Type
1,500VAC for 1 second
Class A
10M Ohms Min. @500VDC
0°C to + 45°C
Thermally Protected
Yes
Capacitor Motor

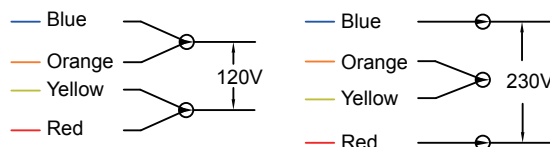
DIMENSION



MODEL NO.	DIMENSION(mm)			WEIGHT (Kg)
	A	B	C	
AFC81420	420	440	512	2.3
AFC81500	500	520	612	2.4
AFC81600	600	620	710	3.0
AFC81700	700	720	810	3.2



Dual Voltage Wire Diagram



SPECIFICATION

MODEL NO.	RATED VOLTAGE (V)	FREQUENCY (Hz)	RATED CURRENT (A)	INPUT POWER (W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A) @1M
						inchH ₂ O	mmH ₂ O	CFM	m ³ /min	
AFC81420DVHB	120	50/60	0.21/0.25	24/29	1300/1400	0.06/0.07	1.5/1.8	205/216	5.8/6.1	43/44
AFC81420DVHB	230	50/60	0.11/0.13	24/28	1300/1400	0.06/0.07	1.5/1.8	205/216	5.8/6.1	43/44
AFC81500DVHB	120	50/60	0.21/0.25	24/23	1250/1300	0.06/0.07	1.5/1.8	223/240	6.3/6.8	42/43
AFC81500DVHB	230	50/60	0.11/0.13	24/29	1250/1300	0.06/0.07	1.5/1.8	223/240	6.3/6.8	42/43
AFC81600DVHB	120	50/60	0.21/0.27	27/32	1300/1400	0.05/0.07	1.3/1.8	286/293	8.1/8.3	43/44
AFC81600DVHB	230	50/60	0.11/0.13	24/30	1250/1300	0.05/0.07	1.3/1.8	279/286	7.9/8.1	42/43
AFC81700DVHB	120	50/60	0.20/0.27	26/33	1250/1300	0.06/0.07	1.6/1.8	329/332	9.3/9.4	42/43
AFC81700DVHB	230	50/60	0.10/0.12	25/30	1200/1200	0.06/0.07	1.5/1.8	304/304	8.6/8.6	41/41

AIR PERFORMANCE

