

AFC 81



Ø81mm(Ø3.19")



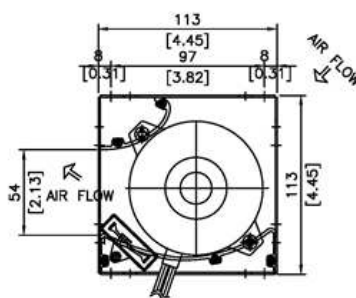
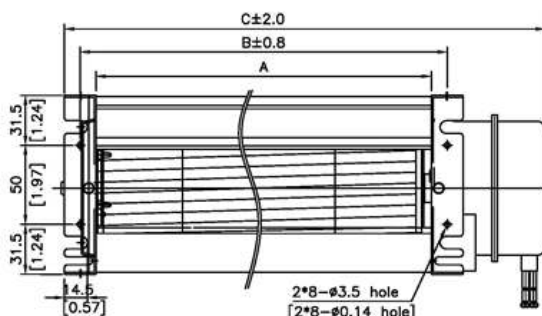
HOUSING	Metal/Aluminum
IMPELLER	Aluminum, Ø81mm
BEARING	Ball
INSULATION	Class A
OPERATING TEMPERATURE	0°C to + 45°C
OPERATING VOLTAGE RANGE	85 VAC to 125 VAC for 115V Type 185 VAC to 245 VAC for 230V Type
DUAL VOLTAGE	115/230VAC
DIELECTRIC STRENGTH	1,500 VAC for 1 second
INSULATION RESISTANCE	10M Ω min. @500 VDC
SAFETY	Thermally Protected
MOTOR TYPE	Capacitor Motor
ROHS COMPLIANCE	Yes
IP LEVEL	Special IP Rating On Request

81 mm

SPECIFICATION

MODEL NO.	RATED VOLTAGE(V)	RATED CURRENT(A)	INPUT POWER(W)	SPEED (RPM)	MAX. AIR PRESSURE		MAX. AIR FLOW		NOISE dB(A) @1M
					inchH2O	mmH2O	CFM	m3/min	
AFC81420DVHB	120	0.25/0.29	26/31	1300/1450	0.05/0.07	1.3/1.8	183/204	5.2/5.8	44/47
AFC81420DVHB	230	0.14/0.16	27/31	1300/1350	0.05/0.07	1.3/1.8	183/194	5.2/5.5	44/46
AFC81500DVHB	120	0.25/0.29	27/32	1300/1400	0.06/0.07	1.4/1.9	233/251	6.6/7.1	44/46
AFC81500DVHB	230	0.15/0.16	27/32	1250/1300	0.05/0.07	1.3/1.8	223/233	6.3/6.6	43/44
AFC81600DVHB	120	0.33/0.37	35/41	1250/1300	0.06/0.07	1.4/1.8	261/279	7.4/7.9	45/46
AFC81600DVHB	230	0.18/0.20	35/40	1200/1200	0.05/0.07	1.3/1.8	257/257	7.3/7.3	44/44
AFC81700DVHB	120	0.34/0.38	36/42	1250/1250	0.05/0.06	1.2/1.6	300/300	8.5/8.5	45/45
AFC81700DVHB	230	0.19/0.21	36/40	1150/1100	0.05/0.06	1.2/1.5	279/272	7.9/7.7	43/42

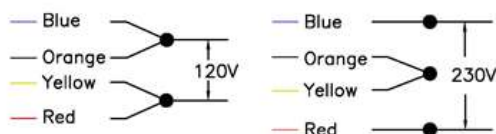
DIMENSION



UNIT:mm[inch]

MODEL NO.	DIMENSION(mm)			WEIGHT (Kg)
	A	B	C	
AFC81420	420	440	513	2.3
AFC81500	500	520	593	2.4
AFC81600	600	620	693	3.0
AFC81700	700	720	793	3.2

Dual Voltage Wire Diagram



AIR PERFORMANCE

