

For Door Heights up to 12'

STANDARD FEATURES

- 1/2 hp three speed motor(s)
- Factory installed "Intelliswitch" digital programmable controller - *see features below*
- High efficiency, low noise Pro-V Nozzle
- Galvanized steel blower wheels & housing
- Lockable aluminum airfoil directional vanes
- Filter included (washable)

- Hinged white aluminum bottom access panel
- Powder coated inlet screen
- Two year parts warranty
- Crafted with Pride in the USA

OPTIONAL FEATURES

- Stainless steel or custom color finish

MODEL	Nozzle Width (in)	Max FPM at Nozzle	Max CFM at Nozzle	CFM at Nozzle	Lab Data				Motor(s) @ hp	Steam: Capacity (mtbu/hr) ¹	Steam Temp Rise °F	Hot Water: Capacity (mbu/hr) ²	Hot Water Temp Rise °F	Net Wgt (lbs)
					Avg. Outlet Vel. (fpm)	Air Volume (scfm)	Power Rating (kW)	Outlet Vel. Unif. (%)						
FCA1036*	36"	5444	4382	2849	1573	1376	0.47	92	1 @ 1/2	55	37	32	21	115
FCA1042*	42"	4828	4189	2723	1549	1581	0.49	85	1 @ 1/2	64	38	38	22	124
FCA1048*	48"	4839	4912	3193	1377	1607	0.51	87	1 @ 1/2	70	40	43	24	133
FCA1060*	66"	4828	5985	3890	1027	1647	0.52	85	1 @ 1/2	80	45	50	28	160
FCA2060*	66"	5202	6903	4487	1674	2686	0.92	91	2 @ 1/2	102	35	65	22	197
FCA2072*	72"	5444	8765	5697	1573	2752	0.94	92	2 @ 1/2	115	38	75	25	205
FCA2084*	84"	4828	8379	5446	1549	3162	0.98	85	2 @ 1/2	133	39	88	26	237
FCA2096*	99"	4839	9823	6385	1336	3214	1.02	87	2 @ 1/2	144	41	96	28	256
FCA3096*	99"	5500	11807	7674	1493	3593	1.41	94	3 @ 1/2	152	39	102	26	293
FCA2108*	108"	4828	10772	7002	1243	3262	1.04	85	2 @ 1/2	153	43	102	29	267
FCA3108*	108"	4828	10772	7002	1573	4128	1.45	85	3 @ 1/2	172	38	117	26	304
FCA3120*	117"	4828	11969	7780	1596	4538	1.45	85	3 @ 1/2	188	38	128	26	318
FCA3132*	132"	4839	13507	8779	1431	4590	1.49	87	3 @ 1/2	199	40	136	27	346
FCA3144*	144"	4839	14735	9578	1377	4821	1.53	87	3 @ 1/2	216	41	148	28	364
FCA4144*	144"	5444	17530	11394	1573	5504	1.88	92	4 @ 1/2	231	39	159	27	401

*S=STEAM; W=HOT WATER Performance data based on high speed
1 Steam rating based on 65F entering air and 5 psig steam. 2 Hot water based on 65F entering air and 180F entering water temperature

Intelliswitch Features:

- ◆ Time Delay
- ◆ 3 Speed Fan Selection
- ◆ On/Off/Auto Operation
- ◆ Start/Stop Times
- ◆ Thermostat
- ◆ Low Voltage Control Circuit
- ◆ Time Clock
- ◆ LED Display
- ◆ Lockable Display

VELOCITY PROFILE Model: FCA1036A			
Distance from Nozzle (ft)	3	6.5	10
Distance from Nozzle (m)	1	2	3
Core Velocity (fpm)	1889	1333	1028
Core Velocity (m/s)	9.60	6.77	5.22
Uniformity	90	85	87

POWER SUPPLIES/MOTOR AMP DRAWS							
VOLTS	120	208	240	480	600	220*	380*
PHASE	1	1	1	3	3	1	1
HERTZ	60	60	60	60	60	50	50
AMPS per MOTOR	8.5	4.3	4.3	1.4	1.0	4.3	4.3

Sound level measured 10' (3m) from the unit in free field:
60 dBA

*Operation at 50 Hz will generate approximately a 17% reduction in performance.



Berner reserves the right to alter specifications without prior notice.