

CF & CFH Series Variable Speed Air Curtains

Product Specifications

CABINET & CONSTRUCTION: Shall be constructed of 20 gauge rigid steel with baked on epoxy powder coat paint for durability. Made in U.S.A.

DISCHARGE VANES: Shall extend the entire width of the unit and be adjustable for optimum performance of air flow.

BLOWERS: Shall be forward curved centrifugal type, DWDI with corrosion resistance scroll and wheel.

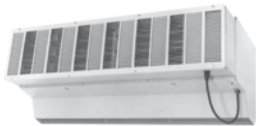
MOTORS: Shall be heavy duty, PSC, direct drive high efficiency and designed for use with SCR controllers. Motors shall be permanently lubricated for long life and have thermal over load protection. Motor shall have double insulation protection for quieter operation. Quick disconnects shall be supplied to accommodate easy installation and service of motor.

SCR SPEED CONTROLLER: Supplied on all units compatible with the motor with low end adjustment for air volume control and savings in power consumption.

ELECTRIC HEAT (OPTIONAL): Electric heater available as field installed option. Electric heater shall be steel sheath element with helical wound steel fins for maximum heat transfer and safety.



MFG CATALOG NUMBER	SIZE (in)	MFG MODEL NUMBER	FT. / MIN. HI - LOW	NOZZLE CFM	VOLTS	RPM HI - LOW	AMPS HI - LOW	WATTS HI - LOW	WT. (LBS)	
STANDARD UNITS: 1/2 HP MODELS - UP TO 10' HIGH DOORWAYS - WITHOUT HEAT SECTION										
06712002	36	CF36	3288/455	2672/333	120	1659/620	3.9/3.4	472/154	74	
06712102	48	CF48	4168/786	4515/766		1606/583	4.4/3.6	519/189	82	
06712202	60	CF60	4168/764	6544/931		1636/562	4.4/3.8	509/199	90	
	72	2 EA: CF36	3288/455	5344/666		1659/620	7.8/6.8	944/308	148	
	96	2 EA: CF48	4168/786	9030/1532		1606/583	8.8/7.2	1038/378	164	
	108	3 EA: CF36	3288/455	8016/999		1659/620	11.7/10.2	1416/462	222	
	120	1 EA: CF48	4168/786	9859/1432		1606/583	12.2/10.4	1982/497	230	
	2 EA: CF36	2672/333		1659/620						
HEAVY DUTY UNITS: 3/4 HP MODELS - UP TO 12' HIGH DOORWAYS - WITHOUT HEAT SECTION										
06712302	36	CFHD36	3288/1120	2672/819		120	1689/603	4.4/4.3	603/192	77
06712402	48	CFHD48	4256/929	4611/906	1662/500		5.9/4.8	586/168	85	
06712502	60	CFHD60	4256/924	5763/1126	1652/509		5.2/4.4	708/172	93	
	72	2 EA: CFHD36	3288/1120	5344/1638	1689/603		8.8/8.6	1206/384	154	
	96	2 EA: CFHD48	4256/929	9222/1812	1662/500		11.8/9.6	1172/336	170	
	108	3 EA: CFHD36	3288/1120	8016/2457	1689/603		13.2/12.9	1809/576	231	
	120	1 EA: CFHD48	4256/929	9955/2544	1662/500		14.7/13.4	2981/552	239	
	2 EA: CFHD36	3288/1120		1689/603						



Air Curtain with Heater Module

NOTE: All heating sections are constructed of totally enclosed fin tubular elements for safety and longer operating life. With heating section installed, unit becomes a 24 Volt control unit and can utilize a low voltage thermostat for control of heating.

NOTE: For 72" through 120" units, order multiple heater modules corresponding to the actual air curtain models

EXAMPLE					Use the example shown (left) to order unit with heat section by specification
Model #	Unit Width	KW	Volts	Phase	
CFHTR	36	10.0	208	3	

MFG MODEL	HEATER WIDTH	KW	VOLTS	PHASE	HEATER AMPS	MINIMUM CIRCUIT AMPS	MAXIMUM FUSE AMPS	BTU/H	75°C WIRE AWG
CFHTR	36, 48, or 60 Inch Width NOTE: 12KW MAXIMUM ON 36" WIDTH UNITS	3	208	3	8.3	10.4	15	10,239	14
					7.2	9.0	15		14
			480	1	3.6	4.5	15		14
			277		10.8	13.5	15		14
			208	3	14.4	18.0	20		12
			240		12.5	15.6	20		12
		208	5	3	13.8	17.25	20	12	
		240			12.0	15.0	20	12	
		480		1	6.0	7.5	15	14	
		277			18.0	22.5	25	10	
		208		7.5	1	24.0	30.0	35	8
		240				20.8	26.6	30	10
		208	10	3	20.8	26.0	30	10	
		240			18.0	22.5	25	10	
		480		1	9.0	11.3	15	14	
		277			27.0	33.8	40	8	
		208		12	3	36.0	45.0	50	6
		240				31.2	39.0	45	8
		208	1		27.7	34.4	40	8	
		240			24.0	30.1	35	8	
		480	3		12.0	15.0	20	12	
		277			36.1	45.1	50	6	
		240	15	3	41.6	52.0	60	6	
		208			33.3	41.6	45	8	
240	1	28.8		36.0	40	8			
480		14.4		18.0	20	12			
277	3	43.3		54.1	60	6			
208		41.6		52.0	60	6			
240	3	36.0	36.0	55	6				
480		18.0	18.0	30	10				