CF-C Series TPI Commercial Air Curtains

Features

- Super thin body, full metal housing
- Cross flow, 2-speed fans
- Adjustable air deflector
- Mechanical control
- Units are 120V at 60Hz

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	WATTS	CFM		FPM		NOISE LEVEL (dB)		DIMENSIONS			WT. (LBS)
			HIGH	LOW	HIGH	LOW	HIGH	LOW	"L"	"W"	"H"	
08764402	CF35-C	300	1177	942	2560	1968	67	65	35"	8 ¾"	10 ¼"	33.1
08764502	CF47-C	350	1648	1295	2560	1968	69	67	47"			43
08764602	CF59-C	400	2119	1648	2560	1968	71	69	59"			48.5

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.

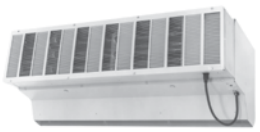
BLOWERS: Shall be forward curved centrifugal type, DWDI with corrosion resistance scroll and wheel.

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
			240		7.2	9.0	15		14
			480		3.6	4.5	15		14
			277	1	10.8	13.5	15		14
			208		14.4	18.0	20		12
			240		12.5	15.6	20		12
		5	208	3	13.8	17.25	20	17,075	12
			240		12.0	15.0	20		12
			480		6.0	7.5	15		14
			277	1	18.0	22.5	25		10
			208		24.0	30.0	35		8
			240		20.8	26.6	30		10
		7.5	208	3	20.8	26.0	30	25,597	10
			240		18.0	22.5	25		10
			480		9.0	11.3	15		14
			277	1	27.0	33.8	40		8
			208		36.0	45.0	50		6
			240		31.2	39.0	45		8
		10	208	3	27.7	34.4	40	34,130	8
			240		24.0	30.1	35		8
			480		12.0	15.0	20		12
			277	1	36.1	45.1	50		6
			240		41.6	52.0	60		6
		12	208	3	33.3	41.6	45	40,956	8
			240		28.8	36.0	40		8
			480		14.4	18.0	20		12
			277	1	43.3	54.1	60		6
		15	208	3	41.6	52.0	60	51,195	6
			240		36.0	36.0	55		6
			480		18.0	18.0	30		10