

# Engineering Data

## Model DF-C-EM and NDF-C-EM

### MECHANICAL REQUIREMENTS:

The type of cooking equipment and the type and volume of cooking determines the total exhaust volume. Models DF-C-EM and NDF-C-EM are rated for LIGHT LOAD --for non-grease producing ovens

### ELECTRICAL:

An optional Carroll start/stop switch Model CS200 can be provided for each exhaust fan. Refer to the CS200 Switch Spec Sheet for specifications and electrical details. If specified, lights must be on separate 120 Volt circuit.

### STATIC PRESSURE:

Static pressure drops across ventilator:

Model DF-C-EM..... 1.00" W.G. at the duct collar

Model NDF-C-EM..... 0.75" W.G. at the duct collar

### HANGING WEIGHT:

50 LBS per linear foot of ventilator

74 Kg per linear meter of ventilator

Item No: \_\_\_\_\_ Height: \_\_\_\_\_

Est. Weight: \_\_\_\_\_ Exhaust CFM \_\_\_\_\_

Length: \_\_\_\_\_ Duct Size: \_\_\_\_\_

Width: \_\_\_\_\_ S.P: \_\_\_\_\_

## AIR-SIDE TECHNICAL DATA

LENGTH	LIGHT LOAD 150 CFM/LIN. FT. SP=0.25"		MEDIUM LOAD 250 CFM/LIN. FT. SP=0.35"		HEAVY LOAD 300 CFM/LIN. FT. SP=0.45"	
	CFM	DUCT COLLAR 10" X	CFM	DUCT COLLAR 10" X	CFM	DUCT COLLAR 12" X
3'-0"	450	4"	750	6"	900	6"
3'-6"	525	4"	875	7"	1050	7"
4'-0"	600	5"	1000	8"	1200	8"
4'-6"	675	5"	1125	9"	1350	9"
5'-0"	750	6"	1250	10"	1500	10"
5'-6"	825	7"	1375	11"	1650	11"
6'-0"	900	7"	1500	12"	1800	12"
6'-6"	975	8"	1625	13"	1950	13"
7'-0"	1050	8"	1750	14"	2100	14"
7'-6"	1125	9"	1875	15"	2250	15"
8'-0"	1200	10"	2000	16"	2400	16"
8'-6"	1275	10"	2125	17"	2550	17"
9'-0"	1350	11"	2250	18"	2700	18"
9'-6"	1425	11"	2375	19"	2850	19"
10'-0"	1500	12"	2500	20"	3000	20"
10'-6"	1575	13"	2625	21"	3150	21"
11'-0"	1650	13"	2750	22"	3300	22"
11'-6"	1725	14"	2875	23"	3450	23"
12'-0"	1800	14"	3000	24"	3600	24"
12'-6"	1875	15"	3125	25"	3750	25"
13'-0"	1950	16"	3250	26"	3900	26"
13'-6"	2025	16"	3375	27"	4050	27"
14'-0"	2100	17"	3500	28"	4200	28"
14'-6"	2175	17"	3525	29"	4350	29"
15'-0"	2250	18"	3750	30"	4500	30"
16'-0"	2325	19"	3800	31"	4650	31"