

Witt

Dual-Flo

Two-Way Discharge Unit Cooler

Catalog 450



   MEA

The Dual-Flo unit cooler is designed for use in walk-in coolers and freezers to increase storage space. Its extra-low profile and two-way discharge permits mounting above aisle areas without sacrificing either headroom or proper air circulation. Walls are thus free for maximum utilization of shelving. It is ideal for convenience stores, supermarkets, restaurants and other low-ceiling-type installations.

Air Defrost Models
Electric Defrost Models

- 6,400 through 25,000 BTUH @ 10 Degree T.D.
- 4,800 through 21,800 BTUH @ 10 Degree T.D.

PERFORMANCE AND ELECTRICAL DATA

AIR DEFROST — 35° Rooms & Above

8 FIN PER INCH MODELS					
<i>Model Number</i>	<i>Performance Data</i>			<i>Electrical Data 60 Hz †</i>	
	<i>BTUH @ +25° F. ST</i>			<i>Motor Amps</i>	
	<i>DFA- 10° TD</i>	<i>15° TD</i>	<i>CFM</i>	<i>115/1</i>	<i>208-230/1</i>
38-75	7500	11250	1455	3.3	1.7
38-88	8800	13200	1305	3.3	1.7
38-98	9800	14700	1200	3.3	1.7
48-112	11200	16800	2120	4.4	2.2
48-130	13000	19500	1920	4.4	2.2
48-150	15000	22500	1760	4.4	2.2
58-162	16200	24300	2320	5.5	2.8
48-210	21000	31500	1820	4.4	2.2
58-230	23000	34500	2650	5.5	2.8
68-250	25000	37500	2970	6.6	3.3

6 FIN PER INCH MODELS					
36-64	6400	9600	1560	3.3	1.7
36-82	8200	12300	1425	3.3	1.7
36-93	9300	13950	1305	3.3	1.7
46-100	10000	15000	2160	4.4	2.2
46-123	12300	18450	2040	4.4	2.2
46-140	14000	21000	1920	4.4	2.2
56-157	15700	23500	2360	5.5	2.8
46-190	19000	28500	1940	4.4	2.2
56-208	20800	31200	2850	5.5	2.8
66-232	23200	34800	3150	6.6	3.3

ELECTRIC DEFROST

6 FIN PER INCH MODELS								
<i>Model Number</i>	<i>Performance Data</i>			<i>Electrical Data 60 Hz †</i>				
	<i>BTUH @ 10° TD</i>			<i>Motor Amps</i>		<i>Defrost Watts</i>	<i>Defrost Amps</i>	
	<i>DFE- -20° ST</i>	<i>+20° TD</i>	<i>CFM</i>	<i>115/1</i>	<i>208-230/1</i>	<i>208-230/1</i>	<i>460/1</i>	
36-53	5300	6360	1440	3.3	1.7	2070	9.0	4.5
36-62	6200	7440	1290	3.3	1.7	2070	9.0	4.5
36-69	6900	8200	1245	3.3	1.7	2070	9.0	4.5
46-77	7700	9240	2075	4.4	2.2	2990	13.0	6.5
46-90	9000	10800	1860	4.4	2.2	2990	13.0	6.5
46-100	10000	12000	1740	4.4	2.2	2990	13.0	6.5
56-125	12500	15000	2160	5.5	2.8	3910	17.0	8.5
46-140	14000	16800	1820	4.4	2.2	3910	17.0	8.5
56-160	16000	19200	2550	5.5	2.8	3910	17.0	8.5
66-218	21800	23200	3000	6.6	3.3	3910	17.0	8.5

4 FIN PER INCH MODELS								
34-48	4800	5760	1500	3.3	1.7	2070	9.0	4.5
34-58	5800	6960	1395	3.3	1.7	2070	9.0	4.5
34-65	6500	7800	1350	3.3	1.7	2070	9.0	4.5
44-72	7200	8640	2120	4.4	2.2	2990	13.0	6.5
44-84	8400	10080	1980	4.4	2.2	2990	13.0	6.5
44-95	9500	11400	1900	4.4	2.2	2990	13.0	6.5
54-115	11500	13800	2280	5.5	2.8	3910	17.0	8.5
44-128	12800	15360	1940	4.4	2.2	3910	17.0	8.5
54-145	14500	17400	2650	5.5	2.8	3910	17.0	8.5
64-173	17300	20760	3080	6.6	3.3	3910	17.0	8.5

† Standard Voltage: DFA-115/1/60; DFE-208-230/1/60

50 Hertz Applications—Divide the BTUH requirement by 0.94, then select the unit cooler directly from the table above.

PHYSICAL DATA

AIR DEFROST MODELS

8 FIN PER INCH MODELS								
Model Number DFA-	Dimensional Data †					Connections †		Approx Weight Lbs
	L	W	H	Mounting Holes A B		Liquid Fl. Nut	Suction ODS	
38-75	58 1/2	28 3/4	8	24	24	1/2	5/8	95
38-88	58 1/2	28 3/4	8	24	24	1/2	5/8	100
38-98	58 1/2	28 3/4	8	24	24	1/2	5/8	105
48-112	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	125
48-130	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	130
48-150	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	135
58-162	106 1/2	28 3/4	8 3/4	48	48	1/2	7/8	150
48-210	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	155
58-230	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	165
68-250	106 1/2	28 3/4	10 1/4	48	48	1/2	1 1/8	185

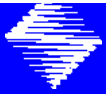
6 FIN PER INCH MODELS								
36-64	58 1/2	28 3/4	8	24	24	1/2	5/8	90
36-82	58 1/2	28 3/4	8	24	24	1/2	5/8	95
36-93	58 1/2	28 3/4	8	24	24	1/2	5/8	100
46-100	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	120
46-123	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	125
46-140	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	130
56-157	106 1/2	28 3/4	8 3/4	48	48	1/2	7/8	145
46-190	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	150
56-208	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	160
66-232	106 1/2	28 3/4	10 1/4	48	48	1/2	1 1/8	180

ELECTRIC DEFROST MODELS

6 FIN PER INCH MODELS								
Model Number DFE-	Dimensional Data †					Connections †		Approx Weight Lbs
	L	W	H	Mounting Holes A B		Liquid Fl. Nut	Suction ODS	
36-53	58 1/2	28 3/4	8	24	24	1/2	5/8	95
36-62	58 1/2	28 3/4	8	24	24	1/2	5/8	100
36-69	58 1/2	28 3/4	8	24	24	1/2	5/8	105
46-77	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	125
46-90	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	130
46-100	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	135
56-125	106 1/2	28 3/4	8 3/4	48	48	1/2	7/8	150
46-140	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	155
56-160	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	165
66-218	106 1/2	28 3/4	10 1/4	48	48	1/2	1 1/8	185

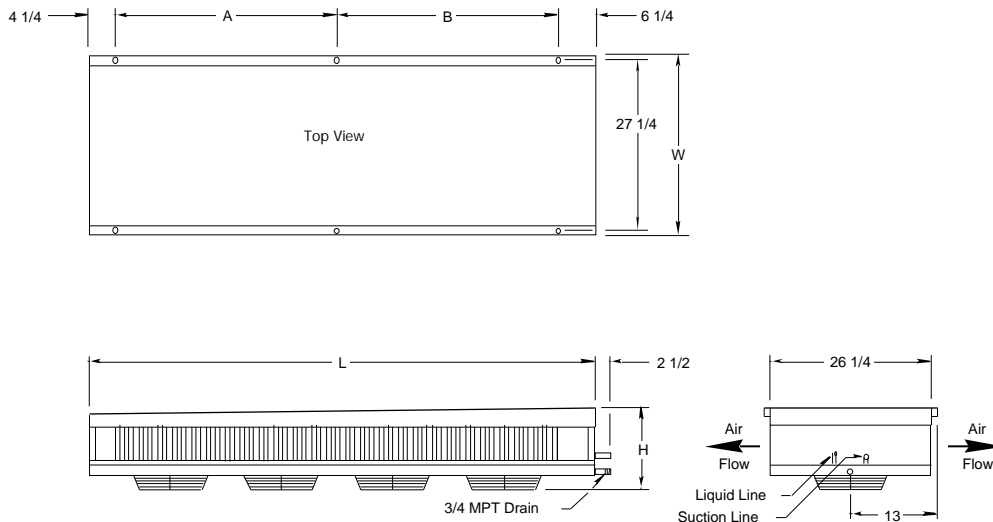
4 FIN PER INCH MODELS								
34-48	58 1/2	28 3/4	8	24	24	1/2	5/8	90
34-58	58 1/2	28 3/4	8	24	24	1/2	5/8	95
34-65	58 1/2	28 3/4	8	24	24	1/2	5/8	100
44-72	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	120
44-84	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	125
44-95	82 1/2	28 3/4	8 3/4	36	36	1/2	7/8	130
54-115	106 1/2	28 3/4	8 3/4	48	48	1/2	7/8	145
44-128	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	150
54-145	106 1/2	28 3/4	10 1/4	48	48	1/2	7/8	160
64-173	106 1/2	28 3/4	10 1/4	48	48	1/2	1 1/8	180

External Equalizer Connection (1/4" ODM) furnished on all units.
 † All dimensions are in inches. Refer to drawing on next page.



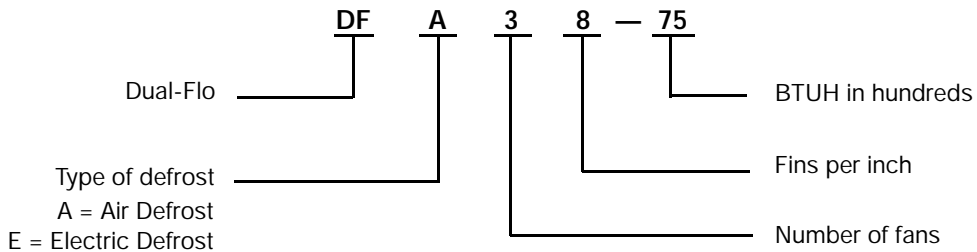
Features

- Low profile—providing extra storage room
- Flush-to-the-ceiling mounting
- Two-way air flow for even air circulation and consistent temperature
- UL, cUL, NSF and MEA listed
- Hinged drain pan for easy service access and cleaning
- Quiet operation
- Ideal for use in rooms with glass display doors
- Air or Electric defrost models
- Heavy-gauge mill-finish aluminum housing (optional white enamel coating available)
- Seamless copper tubes, staggered and mechanically expanded into heavy-gauge corrugated aluminum fins, assure maximum heat transfer
- Optional coated fins (Air Defrost only) and copper fins are available
- 40 models to fit your exact cooling requirements



All dimensions are in inches
Refer to Page 3 for Dimensional Tables and notes

Nomenclature



WITT reserves the right to make design changes and modifications to its products without notice.