

Blades

Extruded anodized aluminum damper blades with integral edge seals and "D"-shaped damper shafts to prevent slipping.

Casing

14-gauge galvanized or stainless steel casing with 16-gauge integral bypass baffles.

Stratomizer Model Number Nomenclature

Typical Model : K72-56-2-10-T-R-0

Nomenclature: K 72-56-2-10-T-R-0
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 (a) (b) (c) (d) (e) (f) (g) (h)

Description

- (a) Model designation
(A-F = Horizontal, G-N = Vertical orientation)
- (b) Finned length
- (c) Tube o.d. : 56 = 5/8", 89=1.0"
- (d) Number of rows in direction of airflow
- (e) Fin Spacing in Fins Per Inch
- (f) Fin Style-T or F (Turbex or Flat)
- (g) Coil Hand -R or L -Right or Left
- (h) Serpentine (Circuit): 0 = Steam, .333, .375, .750, 1.00, 1.5 =Water

Linkage

Stainless steel and non-ferrous linkage located out of the air stream.

Heating Core

Plate fins provide excellent heat transfer while offering simple cleaning.

Controls

Pneumatic or electrical proportional actuators, including direct drive options.

Floating Header

Vertical Stratomizers feature a floating header assembly designed to allow for thermal movement.

Horizontal Stratomizer

NOMINAL FIN LENGTH			29	35	41	47	53	59	72	84	96	120
UNIT DESIGNATION	FACE SECTIONS	HEIGHT (INCHES)	WIDTH (INCHES)									
			42	48	54	60	66	72	85 3/8	97 3/8	109 3/8	133 3/8
			OUTLET AREA (FT ²)									
			NOM. WEIGHT (LBS)									
A	3	27.00	4.57 260	5.53 275	6.49 315	7.45 355	8.41 395	9.36 435	11.50 475	13.42 510	15.33 550	19.17 630
B	4	35.38	-- 330	7.54 375	8.85 420	10.16 470	11.47 515	12.77 560	15.69 605	18.30 650	20.92 700	26.15 740
C	5	43.75	-- 385	9.56 440	11.21 490	12.87 545	14.53 595	16.18 645	19.88 700	23.19 750	26.50 800	33.13 855
D	6	52.13	-- 445	11.57 500	13.58 560	15.58 620	17.59 675	19.59 735	24.06 790	28.07 850	32.08 900	40.10 965
E	7	60.50	-- 500	13.59 565	15.94 630	18.29 690	20.65 755	23.00 820	28.25 885	32.96 950	37.67 1000	47.08 1080
F	8	68.88	-- 555	15.60 625	18.30 695	21.01 765	23.71 840	26.41 910	32.44 980	37.84 1050	43.25 1100	54.06 1190

Vertical Stratomizer

NOMINAL FIN LENGTH			35	41	47	53	59	72	84	96	108
UNIT DESIGNATION	FACE SECTIONS	WIDTH (INCHES)	HEIGHT (INCHES)								
			49.63	55.63	61.63	67.63	73.63	87.00	99.00	111.00	123.00
			OUTLET AREA (FT ²)								
			NOM. WEIGHT (LBS)								
G	4	35.88	7.66 305	8.99 340	10.32 375	11.65 415	12.98 450	15.94 485	18.89 520	-- --	-- --
H	6	52.63	11.69 425	13.72 475	15.74 525	17.77 575	19.80 625	24.31 675	28.36 730	32.42 785	-- --
J	8	69.38	15.72 540	18.44 605	21.17 670	23.89 740	26.62 805	32.69 870	38.14 935	43.58 1000	49.03 1065
K	10	86.13	19.75 660	23.17 740	26.59 820	30.01 900	33.43 985	41.06 1065	47.91 1145	54.75 1225	61.59 1305
L	12	102.88	23.77 775	27.89 870	32.01 970	36.13 1065	40.25 1160	49.44 1255	57.68 1355	65.92 1455	74.16 1555
M	14	119.63	27.80 895	32.62 1005	37.44 1115	42.26 1230	47.07 1340	57.81 1450	67.45 1560	77.08 1670	86.72 1780
N	16	136.38	31.83 1010	37.35 1135	42.86 1265	48.38 1390	53.89 1515	66.19 1645	77.22 1770	88.25 1895	99.28 2020

← Subtract 6.625" for water coils