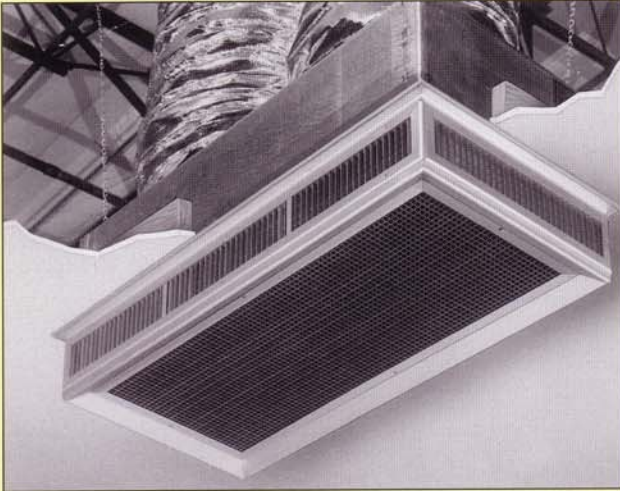


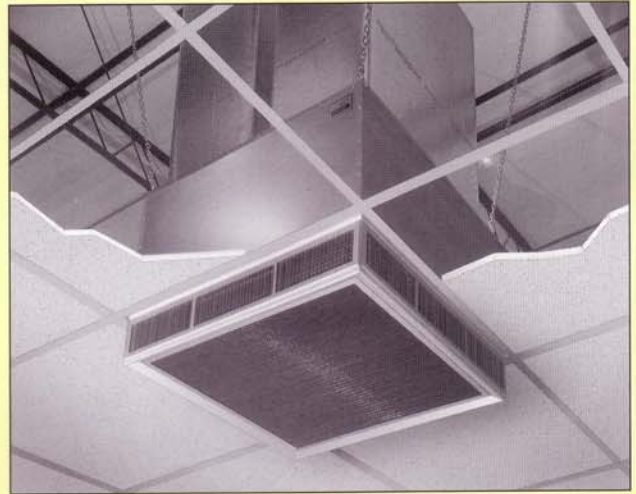
530 SERIES

SIDE DISCHARGE CONCENTRIC DIFFUSER SYSTEM

LIGHT COMMERCIAL
PLASTER CEILING



COMMERCIAL
'T' BAR CEILING



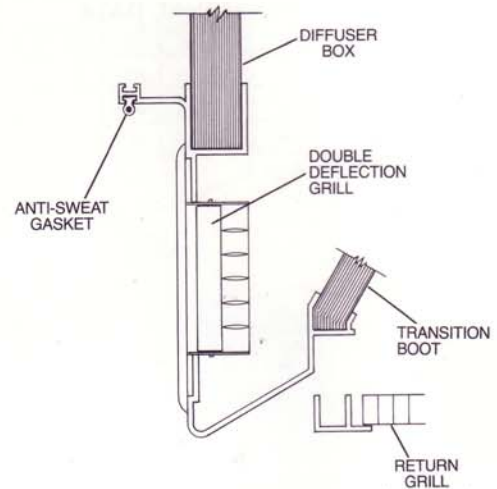
RSI's 530 SERIES concentric diffuser systems are designed to provide a single point air distribution system with the added benefit of having directional air control. The systems may be used with either a "T-Bar" ceiling, a plaster ceiling, or with no ceiling at all.

Standard features include:

1. All aluminum diffuser with aluminum return air eggcrate.
2. Double deflection diffuser with the blades secured by spring steel.
3. Built-in Anti-Sweat gasket.
4. Molded Fiberglass Transition (through five tons).
5. Built-in hanging supports.
6. Diffuser box constructed of fiberglass ductboard (through 7.5 tons) or sheetmetal.

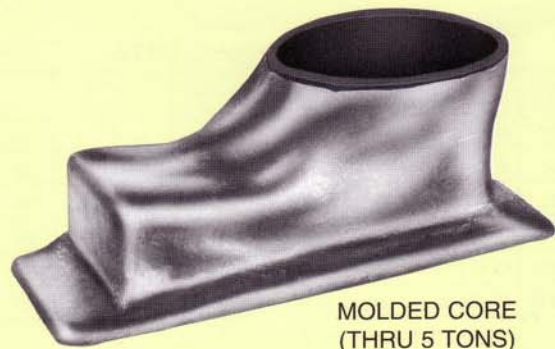
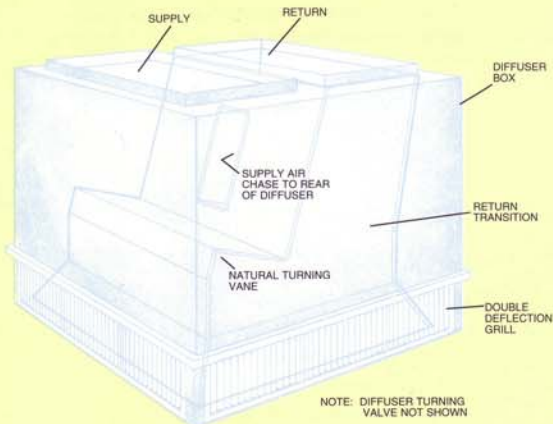
Standard benefits include:

1. Even four (4) way airflow.
2. All exposed surfaces (below ceiling) are brushed aluminum.
3. Factory assembled and sealed.
4. Guaranteed not to "sweat".
5. Guaranteed not to recirculate air flow (short cycle).
6. Return air eggcrate is easily removed.
7. Units are fully insulated (both supply and return).
8. Lightweight design.



TYPICAL SPECIFICATIONS

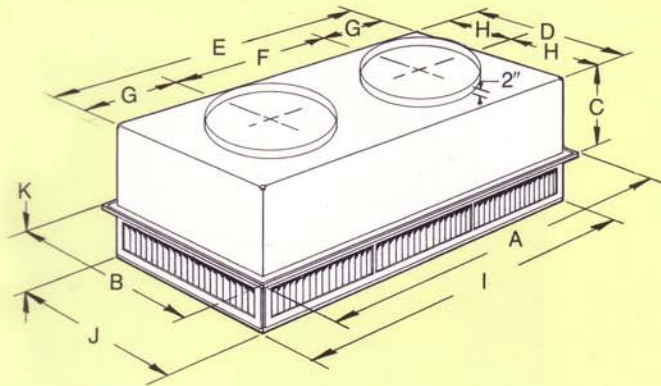
Furnish and install Rooftop Systems "530 SERIES" concentric diffuser systems. The system shall consist of an aluminum double deflection supply diffuser with an aluminum eggcrate return. ALL EXPOSED SURFACES (BELOW CEILING) MUST BE BRUSHED ALUMINUM. It shall also have a permanent (not adhesive) anti-sweat gasket and hanging supports. All units that are five (5) ton and smaller shall have a molded fiberglass interior transition.



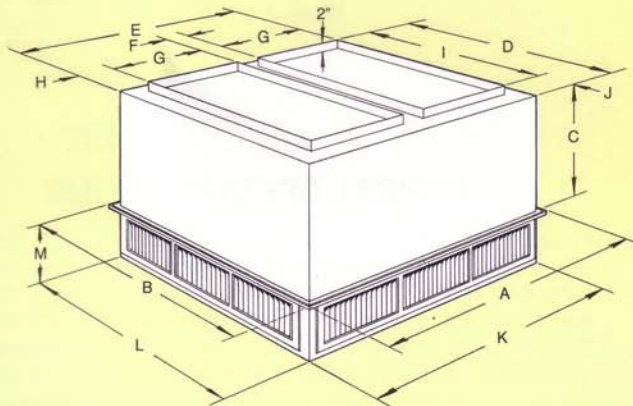
530 SERIES

SIDE DISCHARGE CONCENTRIC DIFFUSER SYSTEM

530 SERIES CONCENTRIC DIFFUSER ENGINEERING DATA



DIMENSIONAL DATA												
MODEL#	A	B	C	D	E	F	G	H	I	J	K	DUCT SIZE
01-530-16	47 5/8	23 5/8	11 3/8	21 1/2	45 1/2	22 1/2	11 1/2	10 3/4	45 1/2	21 1/2	7 1/8	16 RD
01-530-18	47 5/8	23 5/8	11 3/8	21 1/2	45 1/2	22 1/2	11 1/2	10 3/4	45 1/2	21 1/2	7 1/8	18 RD
01-530-20	47 5/8	29 5/8	14 3/8	27 1/2	45 1/2	22 1/2	11 1/2	13 3/4	45 1/2	27 1/2	8 1/8	20 RD



RSI PART NO.	CFM	STATIC PRESSURE	THROW FEET	NECK/JET VEL.	NOISE LEVEL
01-530-16	600	.09	8-15	210	20
	800	.11	9-16	281	20
	1000	.14	10-17	351	20
	1200	.17	11-18	421	20
01-530-18	1200	.17	11-18	421	20
	1400	.20	12-19	491	20
	1600	.24	12-20	561	20
	1800	.30	13-21	632	20
	2000	.36	14-23	702	20
	2200	.40	16-25	772	20
01-530-20	2600	.17	24-29	669	20
	2800	.20	25-30	720	25
	3000	.25	27-33	772	25
	3200	.31	28-35	823	25
01-530-22	3400	.37	30-37	874	30
	3600	.17	25-33	851	30
	3800	.18	27-35	898	30
	4000	.21	29-37	946	30
	4200	.24	32-40	993	30
	4400	.27	34-42	1040	30
01-530-50	4600	.31	26-31	841	30
	4800	.32	27-32	878	30
	5000	.34	28-33	915	30
	5200	.36	28-34	951	30
01-530-60	5400	.39	29-35	988	30
	5600	.36	39-49	920	30
	5800	.39	42-51	954	30
	6000	.42	44-54	1022	30
	6200	.46	45-55	1056	30
	6400	.50	46-55	1090	30
01-530-80	6600	.54	47-56	1124	30
	7200	.39	33-38	827	25
	7600	.43	36-41	873	25
	8000	.50	39-44	918	30
	8400	.56	43-49	964	30
	8800	.63	47-55	1010	30
01-530-100	9200	.74	49-57	1056	50
	9400	.80	50-58	1079	55
	9600	.83	52-62	1102	55
	9800	.86	55-63	1125	55
	10000	1.00	57-65	1148	55
	10200	1.07	60-68	1171	60
01-530-300	10400	1.16	63-71	1194	60
	10000	.51	46-54	907	30
	10500	.58	50-58	953	30
	11000	.65	53-61	998	30
	11500	.73	55-64	1043	30
	12000	.82	58-67	1089	30
12500	.91	61-71	1134	30	
13000	1.00	64-74	1179	35	

NOTES:

1. All data is based on the Air Diffusion Council guidelines.
2. Throw data is based on Terminal Velocities of 75 FPM using isothermal air.
3. Actual noise levels are less than those shown.
4. Throw is based on diffuser blades being directed in a straight pattern.

DIMENSIONAL DATA														
MODEL#	A	B	C	D	E	F	G	H	I	J	K	L	M	DUCT SIZE
01-530-22	47 5/8	35 5/8	20 5/8	33 1/2	45 1/2	4 1/2	18	2 1/2	28	2 3/4	45 1/2	33 1/2	9 1/8	18x28
01-530-50	47 5/8	41 5/8	24 5/8	39 1/2	45 1/2	4 1/2	18	2 1/2	32	3 3/4	45 1/2	39 1/2	9 1/8	18x32
01-530-60	47 5/8	47 5/8	24 5/8	45 1/2	45 1/2	4 1/2	18	2 1/2	36	4 3/4	45 1/2	45 1/2	10 1/8	18x36
01-530-80	59 5/8	59 5/8	30 5/8	57 1/2	57 1/2	4 1/2	24	2 1/2	48	4 3/4	57 1/2	57 1/2	11 1/8	24x48
01-530-100	59 5/8	59 5/8	30 5/8	57 1/2	57 1/2	4 1/2	24	2 1/2	54	1 3/4	57 1/2	57 1/2	11 1/8	24x54
01-530-300	65 5/8	65 5/8	40 5/8	63 1/2	63 1/2	4 1/2	28	1 1/2	60	1 3/4	63 1/2	63 1/2	12 1/8	28x60