

### ZONE THERMAL LOADS AND AIRFLOW RATES

Zone	Peak load: Max(col.G to col.AD), Btu/h	Peak hour	Sum of the zone related space heat losses, Btu/h	Airflow 1= Peak Load/ [Density x Specific Heat x (Ti - Ts)], ft3/min	Airflow 2=Sum of design space airflow rates, ft3/min	Zone airflow rate:If VAV - Airflow 1, if CAV-Airflow 2, ft3/min
Z-1	20,219	10	13,650	936	936	936
Z-2	43,640	9	29,115	2,021	2,021	2,021
Z-3	50,643	9	41,358	2,345	2,361	2,361
Z-4	36,012	17	35,952	1,668	1,668	1,668
Z-5	34,594	17	18,739	1,602	1,602	1,602
Z-6	22,772	17	39,145	1,055	1,055	1,055
Z-7	37,101	17	27,638	1,718	1,718	1,718
Z-8	14,683	15	49,577	680	680	680
Z-9	57,782	17	44,065	2,676	2,676	2,676
Z-10	0	0	54,741	0	2,017	0
Z-11	0	0	0	0	0	0
Z-12	0	0	0	0	0	0