REPORT- SV-A System Design Parameters for FC_WingC WEATHER FILE- EPW ISTANBUL,-,TUR

SYSTEM TYPE	ALTITUDE FACTOR	FLOOR AREA (SQFT)	MAX PEOPLE	OUTSIDE AIR RATIO	COOLING CAPACITY (KBTU/HR)	SENSIBLE (SHR)	HEATING CAPACITY (KBTU/HR)	COOLING EIR (BTU/BTU)	HEATING EIR (BTU/BTU)	HEAT PUMP SUPP-HEAT (KBTU/HR)
FC	1.000	21098.3	159.	0.147	0.000	0.000	0.000	0.000	0.000	0.000

FAN TYPE	CAPACITY (CFM)	DIVERSITY FACTOR (FRAC)	POWER DEMAND (KW)	FAN DELTA-T (F)	STATIC PRESSURE (IN-WATER)	TOTAL EFF (FRAC)	MECH EFF (FRAC)	FAN PLACEMENT	FAN CONTROL	MAX FAN RATIO (FRAC)	MIN FAN RATIO (FRAC)
SUPPLY	37229.	0.00	0.000	0.22	0.0	0.00	0.00	BLOW-THRU	CONSTANT	1.10	0.30

ZONE NAME	SUPPLY FLOW (CFM)	EXHAUST FLOW (CFM)	FAN (KW)	MINIMUM FLOW (FRAC)	OUTSIDE AIR FLOW (CFM)	COOLING CAPACITY (KBTU/HR)	SENSIBLE (FRAC)	EXTRACTION RATE (KBTU/HR)	HEATING CAPACITY (KBTU/HR)	ADDITION RATE (KBTU/HR)	ZONE MULT
znWingC_south01 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south02 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south03 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south04 (Office)	418.	88.	0.037	1.000	88.	14.83	0.68	8.22	-59.32	-13.67	1.
znWingC_south05 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south06 (Office)	418.	88.	0.037	1.000	88.	14.83	0.68	8.22	-59.32	-13.67	1.
znWingC_south07 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south08 (Office)	418.	88.	0.037	1.000	88.	14.83	0.68	8.22	-59.32	-13.67	1.
znWingC_south09 (Meeting m	588.	88.	0.049	1.000	88.	20.82	0.70	11.71	-83.28	-20.22	1.
znWingC_south11 (Office)	588.	88.	0.049	1.000	88.	20.82	0.69	11.71	-83.28	-20.22	1.
znWingC_south12 (Office)	418.	88.	0.037	1.000	88.	14.83	0.68	8.22	-59.32	-13.67	1.
znWingC_south13 (Office)	418.	88.	0.037	1.000	88.	14.83	0.68	8.22	-59.32	-13.67	1.
znWingC_core03 (Open Offi	6404.	845.	0.523	1.000	845.	188.40	0.70	106.03	-753.60	-242.17	1.
znWingC_core02 (Open Offi	6404.	845.	0.523	1.000	845.	188.40	0.70	106.07	-753.60	-242.17	1.
znWingC_core01 (Open Offi	3202.	712.	0.287	1.000	712.	94.20	0.68	49.74	-376.80	-104.80	1.
znWingC_north01 (Labs Are	1254.	147.	0.101	1.000	147.	43.00	0.70	24.70	-172.02	-64.51	1.
znWingC_north02 (Open Off)	845.	98.	0.068	1.000	98.	27.99	0.70	16.07	-111.96	-29.65	1.
znWingC_north03 (Open Off)	845.	92.	0.067	1.000	92.	27.99	0.70	16.01	-111.96	-29.98	1.
znWingC_north04 (Open Off)	845.	100.	0.068	1.000	100.	27.99	0.70	16.00	-111.96	-29.54	1.
znWingC_North05 (Open Off)	845.	98.	0.068	1.000	98.	27.99	0.70	16.03	-111.96	-29.65	1.
znWingC_north06 (Open Off)	845.	61.	0.065	1.000	61.	27.99	0.71	16.58	-111.96	-31.69	1.
znWingC_north08 (Open Off)	845.	95.	0.068	1.000	95.	27.99	0.70	16.14	-111.96	-29.81	1.
znWingC_north09 (Open Off)	845.	95.	0.068	1.000	95.	27.99	0.70	16.10	-111.96	-29.81	1.
znWingC_north10 (Open Off)	845.	45.	0.063	1.000	45.	27.99	0.71	16.72	-111.96	-32.56	1.
znWingC_south14 (Meeting m	845.	176.	0.075	1.000	176.	27.99	0.69	15.39	-111.96	-25.30	1.
znWingC_core04	2774.	430.	0.232	1.000	430.	94.20	0.69	53.49	-376.80	-120.38	1.
znWingC_core05 (Open Offi	1690.	319.	0.146	1.000	319.	55.97	0.69	30.98	-223.88	-52.44	1.
znWingC_core06 (Open Offi	1690.	256.	0.141	1.000	256.	55.97	0.70	32.01	-223.88	-55.97	1.
znWingC_south10 (Fire Exi	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.
znWingC_north07 (Fire Exi	0.	0.	0.000	0.000	0.	0.00	0.00	0.00	0.00	0.00	1.

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Air-Side HVAC System | Spreadsheet | Summary

Display Mode: Cooling

	Zone Name	Parent System	Cooling Capacity (Btu/h)	Cool SH Capacity (Btu/h)	Max Cool Rate (Btu/h)	CMin Flow/Area (cfm/ft2)	CMin Flow Ratio (ratio)	CMin Flow Schedule	
37	znWingB_Breakout	DummyHVAC	n/a	n/a	n/a	n/a	n/a	n/a	n/a
38	znWingC_south01 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
39	znWingC_south02 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
40	znWingC_south03 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
41	znWingC_south04 (Office	FC_WingC	14.830,00			n/a	n/a	n/a	cir
42	znWingC_south05 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
43	znWingC_south06 (Office	FC_WingC	14.830,00			n/a	n/a	n/a	cir
44	znWingC_south07 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
45	znWingC_south08 (Office	FC_WingC	14.830,00			n/a	n/a	n/a	cir
46	znWingC_south09 (Meetin	FC_WingC	20.820,00			n/a	n/a	n/a	cir
47	znWingC_south10 (Fire E	FC_WingC	n/a	n/a	n/a	n/a	n/a	n/a	n/a
48	znWingC_south11 (Office	FC_WingC	20.820,00			n/a	n/a	n/a	cir
49	znWingC_south12 (Office	FC_WingC	14.830,00			n/a	n/a	n/a	cir
50	znWingC_south13 (Office	FC_WingC	14.830,00			n/a	n/a	n/a	cir
51	znWingC_core03 (Open O	FC_WingC	188.400,00			n/a	n/a	n/a	cir
52	znWingC_core02 (Open O	FC_WingC	188.400,00			n/a	n/a	n/a	cir
53	znWingC_core01 (Open O	FC_WingC	94.200,00			n/a	n/a	n/a	cir
54	znWingC_north01 (Labs A	FC_WingC				n/a	n/a	n/a	cir
55	znWingC_north02 (Open	FC_WingC	27.990,00			n/a	n/a	n/a	cir
56	znWingC_north03 (Open	FC_WingC	27.990,00			n/a	n/a	n/a	cir
57	znWingC_north04 (Open	FC_WingC	27.990,00			n/a	n/a	n/a	cir
58	znWingC_North05 (Open	FC_WingC	27.990,00			n/a	n/a	n/a	cir
59	znWingC_north06 (Open	FC_WingC	27.990,00			n/a	n/a	n/a	cir

EL5 SSW Perim Zn (B.S
EL5 NNW Perim Zn (B.
EL5 South Perim Zn (B.
EL5 East Perim Zn (B.E4
EL5 North Perim Zn (B.
znBasement_StorageAr
znBasement_Corridor
znBasement_BoilerRoo
dummyZone07
znWingB_Other
znWingB_Breakout
FC_WingC
znWingC_south01 (Off
znWingC_south02 (Off
znWingC_south03 (Off
znWingC_south04 (Off
znWingC_south05 (Off
znWingC_south06 (Off
znWingC_south07 (Off
znWingC_south08 (Off
znWingC_south09 (Me
znWingC_south10 (Fire
znWingC_south11 (Off
znWingC_south12 (Off
znWingC_south13 (Off
znWingC_core03 (Oper
znWingC_core02 (Oper
znWingC_core01 (Oper
znWingC_north01 (Lab
znWingC_north02 (Ope
znWingC_north03 (Ope

Actions | Component Tree

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Air-Side HVAC System | Spreadsheet | Summary

Display Mode: Heating

The parent HVAC system of the thermal zone (undefined)

	Zone Name	Parent System	Reheat Delta T (°F)	Heating Capacity (Btu/h)	Max Heat Rate (Btu/h)	HMin Flow Ratio (ratio)	HMin Flow Schedule	HW Loop
37	znWingB_Breakout	DummyHVAC	n/a	n/a	n/a	n/a	n/a	n/a
38	znWingC_south01 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
39	znWingC_south02 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
40	znWingC_south03 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
41	znWingC_south04 (Office	FC_WingC	n/a	-18.430,00		n/a	n/a	circLoopSouth
42	znWingC_south05 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
43	znWingC_south06 (Office	FC_WingC	n/a	-18.430,00		n/a	n/a	circLoopSouth
44	znWingC_south07 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
			n/a	-18.430,00		n/a	n/a	circLoopSouth
46	znWingC_south09 (Meetin	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
47	znWingC_south10 (Fire E	FC_WingC	n/a	n/a	n/a	n/a	n/a	n/a
48	znWingC_south11 (Office	FC_WingC	n/a	-24.910,00		n/a	n/a	circLoopSouth
49	znWingC_south12 (Office	FC_WingC	n/a	-18.430,00		n/a	n/a	circLoopSouth
50	znWingC_south13 (Office	FC_WingC	n/a	-18.430,00		n/a	n/a	circLoopSouth
51	znWingC_core03 (Open O	FC_WingC	n/a	-286.960,00		n/a	n/a	circLoopInner
52	znWingC_core02 (Open O	FC_WingC	n/a	-286.960,00		n/a	n/a	circLoopInner
53	znWingC_core01 (Open O	FC_WingC	n/a	-143.400,00		n/a	n/a	circLoopInner
54	znWingC_north01 (Labs A	FC_WingC	n/a			n/a	n/a	circLoopNorth
55	znWingC_north02 (Open	FC_WingC	n/a	-34.810,00		n/a	n/a	circLoopNorth
56	znWingC_north03 (Open	FC_WingC	n/a	-34.810,00		n/a	n/a	circLoopNorth
57	znWingC_north04 (Open	FC_WingC	n/a	-34.810,00		n/a	n/a	circLoopNorth
58	znWingC_North05 (Open	FC_WingC	n/a	-34.810,00		n/a	n/a	circLoopNorth
59	znWingC_north06 (Open	FC_WingC	n/a	-34.810,00		n/a	n/a	circLoopNorth

EL5 SSW Perim Zn (B.S
EL5 NNW Perim Zn (B.
EL5 South Perim Zn (B.
EL5 East Perim Zn (B.E4
EL5 North Perim Zn (B.
znBasement_StorageAr
znBasement_Corridor
znBasement_BoilerRoo
dummyZone07
znWingB_Other
znWingB_Breakout
FC_WingC
znWingC_south01 (Off
znWingC_south02 (Off
znWingC_south03 (Off
znWingC_south04 (Off
znWingC_south05 (Off
znWingC_south06 (Off
znWingC_south07 (Off
znWingC_south08 (Off
znWingC_south09 (Me
znWingC_south10 (Fire
znWingC_south11 (Off
znWingC_south12 (Off
znWingC_south13 (Off
znWingC_core03 (Oper
znWingC_core02 (Oper
znWingC_core01 (Oper
znWingC_north01 (Lab
znWingC_north02 (Ope
znWingC_north03 (Ope

Actions | Component Tree

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