FAN COIL SELECTIONS

PROJECT NAME:
CUSTOMER:
OUR REFERENCE: **HIGHWALL 200 MAX PERFORMANCE**
DATE: **20/05/2015**

Entering Air Design Conditions:		
Season	Temperature db°C	Temperature wb°C
Summer	23.0	16.2
Winter	21.0	

Cooling Design Conditions:	
Flow Temp. °C	Return Temp. °C
6.0	12.0
Glycol %	- -

Heating Design Conditions:	
Flow Temp. °C	Return Temp. °C
60.0	50.0
Electric HTG Voltage	0
Electric HTG Phase	

SFP	Acoustic Design Cond's:	
Av.	Limiting Global NR	
W/l/s	Individual / Global	I / G
0.23		

Reference Details			Airflow / NR / Speed Data				Cooling Phase Data						Heating Phase Data					Electrical Data		Rec'd Spigot Qty.		
Unit Reference	Qty.	Model Reference	Airflow & Ext. Pressure		Ind. Unit Guide	Speed Setting	Sensible Load	Total Load	Flow Rate	Hyd. Pressure	Air Off	Air Off	Sensible Load	Flow Rate	Hyd. Pressure	Air Off		Motor Power	SFP	NR Criteria	Spigot Size	Spigot Qty.
			l/s	Pa	NR		Watts	Watts	l/s	kPa	db°C	RH	Watts	l/s	kPa	db °C		Watts	W/l/s	I / G	Ømm	Rec.
Type 1	1	HW200ec-WVCH-1-CH	72	10	25	uLow	950	1159	0.046	1.44	12.0	90	1089	0.026	1.41	33.6		13	0.18	I		
Type 1	1	HW200ec-WVCH-1-CH	80	10	27	xLow	1056	1288	0.051	1.74	12.0	90	1153	0.028	1.57	33.0		16	0.20	I		
Type 1	1	HW200ec-WVCH-1-CH	96	10	30	Low	1267	1545	0.061	2.42	12.0	90	1282	0.031	1.90	32.1		24	0.25	I		
Type 1	1	HW200ec-WVCH-1-CH	100	10	31	Low+1	1320	1610	0.064	2.60	12.0	90	1319	0.032	2.00	32.0		26	0.26	I		
Type 1	1	HW200ec-WVCH-1-CH	106	10	32	Low+2	1399	1706	0.068	2.89	12.0	90	1369	0.033	2.14	31.8		32	0.30	I		
Type 1	1	HW200ec-WVCH-1-CH	111	10	33	Low+3	1465	1787	0.071	3.15	12.0	90	1403	0.034	2.24	31.5		34	0.31	I		
Type 1	1	HW200ec-WVCH-1-CH	122	10	35	Med	1610	1964	0.078	3.73	12.0	90	1498	0.036	2.52	31.2		49	0.40	I		
Type 2	1	HW200ec-WVCH-2-CH	118	10	25	uLow	1558	1900	0.075	4.18	12.0	90	1641	0.040	3.54	32.6		20	0.17	I		
Type 2	1	HW200ec-WVCH-2-CH	137	10	27	xLow	1808	2206	0.088	5.48	12.0	90	1800	0.044	4.19	31.9		25	0.18	I		
Type 2	1	HW200ec-WVCH-2-CH	159	10	30	Low	2099	2560	0.102	7.18	12.0	90	1989	0.048	5.03	31.4		31	0.19	I		
Type 2	1	HW200ec-WVCH-2-CH	166	10	31	Low+1	2191	2672	0.106	7.76	12.0	90	2047	0.050	5.29	31.3		35	0.21	I		
Type 2	1	HW200ec-WVCH-2-CH	176	10	32	Low+2	2323	2833	0.112	8.63	12.0	90	2125	0.052	5.67	31.1		40	0.23	I		
Type 2	1	HW200ec-WVCH-2-CH	186	10	33	Low+3	2455	2994	0.119	9.54	12.0	90	2202	0.053	6.05	30.9		45	0.24	I		
Type 2	1	HW200ec-WVCH-2-CH	205	10	35	Med	2706	3300	0.131	11.38	12.0	90	2321	0.056	6.66	30.4		58	0.28	I		
Type 3	1	HW200ec-WVCH-3-CH	153	10	25	uLow	2020	2463	0.098	3.96	12.0	90	2079	0.050	1.04	32.3		24	0.16	I		
Type 3	1	HW200ec-WVCH-3-CH	170	10	27	xLow	2244	2737	0.109	4.79	12.0	90	2214	0.054	1.17	31.9		27	0.16	I		
Type 3	1	HW200ec-WVCH-3-CH	205	10	30	Low	2706	3300	0.131	6.73	12.0	90	2491	0.061	1.46	31.1		37	0.18	I		
Type 3	1	HW200ec-WVCH-3-CH	216	10	31	Low+1	2851	3477	0.138	7.40	12.0	90	2576	0.063	1.55	30.9		41	0.19	I		
Type 3	1	HW200ec-WVCH-3-CH	232	10	32	Low+2	3062	3735	0.148	8.43	12.0	90	2695	0.065	1.68	30.7		48	0.21	I		
Type 3	1	HW200ec-WVCH-3-CH	243	10	33	Low+3	3208	3912	0.155	9.17	12.0	90	2779	0.067	1.78	30.5		53	0.22	I		
Type 3	1	HW200ec-WVCH-3-CH	270	10	35	Med	3564	4347	0.172	11.10	12.0	90	2943	0.071	1.98	30.1		66	0.24	I		
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