

PROJECT NAME: HW260 Max Performance  
 CUSTOMER: 0  
 OUR REFERENCE: Standard Highwall 260  
 DATE: 03/08/2021

# FAN COIL SELECTIONS



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
80.0	60.0
Electric HTG Voltage	0
Electric HTG Phase	

SFP	Acoustic Design Cond's:	
Av. W/l/s	Limiting Global NR	
	Individual / Global	I / G
0.24		

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.
			I/s	Pa																	
Type 1	1	HW26²Bec-WVCH-06/1	103	10	20	uLow	1360	1658	0.066	3.18	12.0	90	2225	0.027	2.00	39.0	14	0.14	I		
Type 1	1	HW26²Bec-WVCH-06/1	109	10	22	xLow	1439	1755	0.070	3.52	12.0	90	2354	0.029	2.21	39.0	16	0.15	I		
Type 1	1	HW26²Bec-WVCH-06/1	115	10	23	xLow+1	1518	1851	0.073	3.88	12.0	90	2484	0.030	2.44	39.0	19	0.16	I		
Type 1	1	HW26²Bec-WVCH-06/1	121	10	24	xLow+2	1597	1948	0.077	4.26	12.0	90	2614	0.032	2.68	39.0	21	0.17	I		
Type 1	1	HW26²Bec-WVCH-06/1	127	10	25	Low	1676	2045	0.081	4.65	12.0	90	2743	0.033	2.93	39.0	23	0.18	I		
Type 1	1	HW26²Bec-WVCH-06/1	132	10	26	Low+1	1742	2125	0.084	4.99	12.0	90	2851	0.035	3.14	39.0	25	0.19	I		
Type 1	1	HW26²Bec-WVCH-06/1	143	10	28	Low+3	1888	2302	0.091	5.77	12.0	90	2983	0.036	3.41	38.4	31	0.22	I		
Type 1	1	HW26²Bec-WVCH-06/1	153	10	30	Med	2020	2463	0.098	6.52	12.0	90	3100	0.038	3.66	37.9	37	0.24	I		
Type 1	1	HW26²Bec-WVCH-06/1	166	10	32	Med+2	2128	2586	0.104	7.36	12.3	88	3251	0.040	3.99	37.3	47	0.28	I		
Type 1	1	HW26²Bec-WVCH-06/1	180	10	35	High	2270	2746	0.111	8.28	12.5	88	3412	0.042	4.36	36.8	63	0.35	I		
Type 2	1	HW26²Bec-WVCH-09/2	110	10	20	uLow	1452	1771	0.070	2.04	12.0	90	2376	0.029	0.44	39.0	22	0.20	I		
Type 2	1	HW26²Bec-WVCH-09/2	138	10	22	xLow	1822	2222	0.088	3.09	12.0	90	2981	0.036	0.67	39.0	29	0.21	I		
Type 2	1	HW26²Bec-WVCH-09/2	150	10	23	xLow+1	1980	2415	0.096	3.59	12.0	90	3240	0.040	0.78	39.0	32	0.21	I		
Type 2	1	HW26²Bec-WVCH-09/2	161	10	24	xLow+2	2125	2592	0.103	4.09	12.0	90	3478	0.042	0.89	39.0	36	0.22	I		
Type 2	1	HW26²Bec-WVCH-09/2	173	10	25	Low	2284	2785	0.111	4.66	12.0	90	3716	0.045	1.00	38.9	41	0.24	I		
Type 2	1	HW26²Bec-WVCH-09/2	184	10	26	Low+1	2429	2962	0.118	5.21	12.0	90	3875	0.047	1.08	38.5	45	0.24	I		
Type 2	1	HW26²Bec-WVCH-09/2	212	10	28	Low+3	2798	3413	0.135	6.74	12.0	90	4187	0.051	1.25	37.5	59	0.28	I		
Type 2	1	HW26²Bec-WVCH-09/2	234	10	30	Med	2989	3631	0.147	7.82	12.4	88	4434	0.054	1.38	36.8	73	0.31	I		
Type 2	1	HW26²Bec-WVCH-09/2	257	10	32	Med+2	3225	3897	0.158	8.95	12.5	88	4692	0.057	1.54	36.2	91	0.35	I		
Type 2	1	HW26²Bec-WVCH-09/2	290	10	35	High	3547	4254	0.174	10.60	12.8	87	5038	0.061	1.75	35.5	124	0.43	I		
Type 3	1	HW26²Bec-WVCH-12/2	154	10	20	uLow	2033	2479	0.098	4.30	12.0	90	3326	0.041	0.93	39.0	26	0.17	I		
Type 3	1	HW26²Bec-WVCH-12/2	183	10	22	xLow	2416	2946	0.117	5.88	12.0	90	3953	0.048	1.27	39.0	34	0.19	I		
Type 3	1	HW26²Bec-WVCH-12/2	197	10	23	xLow+1	2600	3171	0.126	6.72	12.0	90	4255	0.052	1.45	39.0	37	0.19	I		
Type 3	1	HW26²Bec-WVCH-12/2	211	10	24	xLow+2	2785	3397	0.135	7.61	12.0	90	4558	0.056	1.65	39.0	43	0.21	I		
Type 3	1	HW26²Bec-WVCH-12/2	226	10	25	Low	2983	3638	0.144	8.62	12.0	90	4868	0.059	1.86	38.9	49	0.22	I		
Type 3	1	HW26²Bec-WVCH-12/2	240	10	26	Low+1	3168	3864	0.153	9.62	12.0	90	5039	0.061	1.98	38.5	55	0.23	I		
Type 3	1	HW26²Bec-WVCH-12/2	268	10	28	Low+3	3538	4314	0.171	11.75	12.0	90	5361	0.065	2.22	37.7	70	0.26	I		
Type 3	1	HW26²Bec-WVCH-12/2	296	10	30	Med	3907	4765	0.189	14.08	12.0	90	5683	0.069	2.47	37.0	88	0.30	I		
Type 3	1	HW26²Bec-WVCH-12/2	321	10	32	Med+2	4237	5168	0.205	16.31	12.0	90	5973	0.073	2.71	36.5	110	0.34	I		
Type 3	1	HW26²Bec-WVCH-12/2	368	10	35	High	4671	5677	0.232	20.35	12.4	88	6480	0.079	3.15	35.7	159	0.43	I		

PROJECT NAME: HW260 Max Performance  
 CUSTOMER: 0  
 OUR REFERENCE: Standard Highwall 260  
 DATE: 03/08/2021

# FAN COIL SELECTIONS



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
80.0	60.0
Electric HTG Voltage	0
Electric HTG Phase	

SFP	Acoustic Design Cond's:	
Av. W/l/s	Limiting Global NR	
	Individual / Global	I / G
0.24		

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 Watts	Total Load Watts	Flow Rate l/s	Hyd. Pressure kPa	Air Off db°C	Air Off RH	Sensible Load Watts	Flow Rate l/s	Hyd. Pressure kPa	Air Off db °C	Motor Power Watts	SFP W/l/s	NR Criteria I / G	Spigot Size Ømm	Spigot Qty. Rec.
			l/s	Pa																	
Type 4	1	HW26²Bec-WVCH-13/2	208	10	20	uLow	2746	3349	0.133	5.15	12.0	90	4493	0.055	1.82	39.0	33	0.16	I		
Type 4	1	HW26²Bec-WVCH-13/2	225	10	22	xLow	2970	3622	0.144	5.94	12.0	90	4860	0.059	2.11	39.0	38	0.17	I		
Type 4	1	HW26²Bec-WVCH-13/2	242	10	23	xLow+1	3194	3896	0.155	6.79	12.0	90	5227	0.064	2.41	39.0	43	0.18	I		
Type 4	1	HW26²Bec-WVCH-13/2	260	10	24	xLow+2	3432	4186	0.166	7.73	12.0	90	5616	0.069	2.74	39.0	49	0.19	I		
Type 4	1	HW26²Bec-WVCH-13/2	276	10	25	Low	3643	4443	0.176	8.62	12.0	90	5962	0.073	3.06	39.0	57	0.21	I		
Type 4	1	HW26²Bec-WVCH-13/2	294	10	26	Low+1	3881	4733	0.188	9.67	12.0	90	6262	0.076	3.35	38.7	65	0.22	I		
Type 4	1	HW26²Bec-WVCH-13/2	318	10	28	Low+3	4198	5119	0.203	11.16	12.0	90	6550	0.080	3.64	38.2	79	0.25	I		
Type 4	1	HW26²Bec-WVCH-13/2	350	10	30	Med	4620	5635	0.224	13.28	12.0	90	6926	0.085	4.03	37.5	100	0.28	I		
Type 4	1	HW26²Bec-WVCH-13/2	382	10	32	Med+2	5042	6150	0.244	15.58	12.0	90	7301	0.089	4.44	36.9	125	0.33	I		
Type 4	1	HW26²Bec-WVCH-13/2	437	10	35	High	5768	7035	0.279	19.90	12.0	90	7914	0.097	5.14	36.1	181	0.41	I		
Type 5	1	HW26²Bec-WVCH-15/3	193	10	20	uLow	2548	3107	0.123	3.39	12.0	90	4169	0.051	1.85	39.0	26	0.14	I		
Type 5	1	HW26²Bec-WVCH-15/3	226	10	22	xLow	2983	3638	0.144	4.52	12.0	90	4882	0.060	2.47	39.0	34	0.15	I		
Type 5	1	HW26²Bec-WVCH-15/3	248	10	23	xLow+1	3274	3992	0.158	5.36	12.0	90	5357	0.065	2.93	39.0	38	0.16	I		
Type 5	1	HW26²Bec-WVCH-15/3	270	10	24	xLow+2	3564	4347	0.172	6.26	12.0	90	5832	0.071	3.42	39.0	45	0.16	I		
Type 5	1	HW26²Bec-WVCH-15/3	292	10	25	Low	3854	4701	0.187	7.22	12.0	90	6307	0.077	3.95	39.0	51	0.17	I		
Type 5	1	HW26²Bec-WVCH-15/3	313	10	26	Low+1	4132	5039	0.200	8.19	12.0	90	6761	0.083	4.48	39.0	58	0.19	I		
Type 5	1	HW26²Bec-WVCH-15/3	345	10	28	Low+3	4554	5554	0.220	9.78	12.0	90	7452	0.091	5.35	39.0	72	0.21	I		
Type 5	1	HW26²Bec-WVCH-15/3	386	10	30	Med	5095	6214	0.247	12.01	12.0	90	8174	0.100	6.34	38.6	93	0.24	I		
Type 5	1	HW26²Bec-WVCH-15/3	428	10	32	Med+2	5650	6890	0.273	14.50	12.0	90	8687	0.106	7.09	37.9	125	0.29	I		
Type 5	1	HW26²Bec-WVCH-15/3	488	10	35	High	6442	7856	0.312	18.42	12.0	90	9404	0.115	8.19	37.1	175	0.36	I		
Type 6	1	HW26²Bec-WVCH-18/4	230	10	20	uLow	3036	3703	0.147	3.56	12.0	90	4968	0.061	1.07	39.0	34	0.15	I		
Type 6	1	HW26²Bec-WVCH-18/4	300	10	22	xLow	3960	4830	0.192	5.78	12.0	90	6480	0.079	1.74	39.0	49	0.16	I		
Type 6	1	HW26²Bec-WVCH-18/4	328	10	23	xLow+1	4330	5280	0.210	6.80	12.0	90	7085	0.086	2.05	39.0	57	0.17	I		
Type 6	1	HW26²Bec-WVCH-18/4	356	10	24	xLow+2	4699	5731	0.227	7.89	12.0	90	7690	0.094	2.39	39.0	63	0.18	I		
Type 6	1	HW26²Bec-WVCH-18/4	383	10	25	Low	5056	6166	0.245	9.02	12.0	90	8273	0.101	2.73	39.0	73	0.19	I		
Type 6	1	HW26²Bec-WVCH-18/4	412	10	26	Low+1	5438	6633	0.263	10.30	12.0	90	8899	0.109	3.12	39.0	83	0.20	I		
Type 6	1	HW26²Bec-WVCH-18/4	464	10	28	Low+3	6125	7470	0.296	12.80	12.0	90	9975	0.122	3.85	38.9	105	0.23	I		
Type 6	1	HW26²Bec-WVCH-18/4	517	10	30	Med	6824	8323	0.330	15.59	12.0	90	10617	0.130	4.32	38.1	132	0.26	I		
Type 6	1	HW26²Bec-WVCH-18/4	569	10	32	Med+2	7511	9160	0.363	18.56	12.0	90	11238	0.137	4.79	37.5	165	0.29	I		
Type 6	1	HW26²Bec-WVCH-18/4	642	10	35	High	8474	10335	0.410	23.14	12.0	90	12086	0.147	5.48	36.7	226	0.35	I		