



SFP	Acoustic Design Cond's:	
Av. W/I/s	Limiting Global NR	
	Individual / Global	I / G
0.25		

NR Levels are currently under review therefore please use the below as rough guide only

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	H26²Bec-WVCH-06/1 * FR+CP	74	30	30		977	1191	0.047	1.78	12.0	90	688	0.010	0.27	28.8		13	0.18	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	92	30	32		1214	1481	0.059	2.64	12.0	90	742	0.010	0.27	27.7		18	0.20	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	116	30	35		1531	1867	0.074	4.02	12.0	90	801	0.010	0.27	26.8		27	0.23	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	124	30	36		1637	1996	0.079	4.54	12.0	90	818	0.010	0.27	26.5		30	0.24	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	131	30	37		1729	2109	0.084	5.01	12.0	90	843	0.010	0.28	26.4		34	0.26	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	137	30	38		1808	2206	0.088	5.44	12.0	90	868	0.011	0.30	26.3		38	0.27	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	149	30	40		1967	2399	0.095	6.33	12.0	90	917	0.011	0.33	26.1		45	0.31	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	154	30	41		2033	2479	0.098	6.72	12.0	90	931	0.011	0.34	26.0		50	0.32	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	166	30	43		2191	2672	0.106	7.70	12.0	90	981	0.012	0.38	25.9		64	0.39	I		
Type 1	1	H26²Bec-WVCH-06/1 * FR+CP	175	30	45		2310	2817	0.112	8.48	12.0	90	1018	0.012	0.40	25.8		79	0.45	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	117	30	30		1544	1884	0.075	2.32	12.0	90	1082	0.013	0.46	28.7		19	0.16	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	152	30	32		2006	2447	0.097	3.73	12.0	90	1280	0.016	0.63	28.0		26	0.17	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	202	30	35		2666	3252	0.129	6.25	12.0	90	1509	0.018	0.86	27.2		40	0.20	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	220	30	36		2904	3542	0.141	7.30	12.0	90	1603	0.020	0.96	27.1		46	0.21	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	238	30	37		3142	3831	0.152	8.42	12.0	90	1667	0.020	1.03	26.8		54	0.23	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	256	30	38		3379	4121	0.164	9.62	12.0	90	1742	0.021	1.12	26.7		61	0.24	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	291	30	40		3734	4539	0.183	11.83	12.3	89	1859	0.023	1.26	26.3		79	0.27	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	308	30	41		3914	4743	0.192	12.85	12.4	88	1923	0.023	1.34	26.2		90	0.29	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	345	30	43		4292	5168	0.210	15.11	12.6	87	2052	0.025	1.51	26.0		115	0.33	I		
Type 2	1	H26²Bec-WVCH-09/2 * FR+CP	380	30	45		4634	5546	0.226	17.32	12.8	87	2179	0.027	1.69	25.8		147	0.39	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	153	30	30		2020	2463	0.098	4.29	12.0	90	1470	0.018	0.93	29.0		25	0.16	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	191	30	32		2521	3075	0.122	6.42	12.0	90	1700	0.021	1.21	28.4		31	0.16	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	250	30	35		3300	4025	0.160	10.47	12.0	90	1957	0.024	1.57	27.5		46	0.18	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	268	30	36		3538	4314	0.171	11.88	12.0	90	2031	0.025	1.68	27.3		53	0.20	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	286	30	37		3775	4604	0.183	13.37	12.0	90	2105	0.026	1.80	27.1		61	0.21	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	304	30	38		4013	4894	0.194	14.94	12.0	90	2179	0.027	1.92	27.0		64	0.21	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	343	30	40		4528	5522	0.219	18.61	12.0	90	2320	0.028	2.15	26.6		90	0.26	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	361	30	41		4765	5812	0.231	20.42	12.0	90	2394	0.029	2.28	26.5		100	0.28	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	403	30	43		5320	6488	0.257	24.94	12.0	90	2547	0.031	2.56	26.3		130	0.32	I		
Type 3	1	H26²Bec-WVCH-12/2 * FR+CP	438	30	45		5620	6853	0.278	28.76	12.3	88	2675	0.033	2.80	26.1		164	0.37	I		

PROJECT NAME: H26i Max Performance
CUSTOMER: 0
OUR REFERENCE: Standard Highline 260i Waterside
DATE: 10/08/2021

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	

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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 4	1	H26²Bec-WVCH-13/2 * FR+CP	205	30	30		2706	3300	0.131	6.18	12.0	90	1961	0.024	2.45	29.0		31	0.15	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	230	30	32		3036	3703	0.147	7.62	12.0	90	2111	0.026	2.81	28.6		38	0.17	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	273	30	35		3604	4395	0.174	10.41	12.0	90	2315	0.028	3.33	28.1		53	0.19	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	291	30	36		3841	4685	0.186	11.69	12.0	90	2389	0.029	3.53	27.8		61	0.21	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	304	30	37		4013	4894	0.194	12.66	12.0	90	2439	0.030	3.66	27.7		66	0.22	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	322	30	38		4250	5184	0.206	14.06	12.0	90	2524	0.031	3.90	27.5		74	0.23	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	361	30	40		4765	5812	0.231	17.32	12.0	90	2684	0.033	4.37	27.2		95	0.26	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	377	30	41		4976	6069	0.241	18.75	12.0	90	2747	0.034	4.56	27.1		107	0.28	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	423	30	43		5354	6486	0.263	22.03	12.5	88	2923	0.036	5.11	26.8		145	0.34	I		
Type 4	1	H26²Bec-WVCH-13/2 * FR+CP	471	30	45		5825	7012	0.286	25.65	12.7	87	3111	0.038	5.73	26.5		195	0.41	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	145	30	30		1914	2334	0.093	2.60	12.0	90	1884	0.023	1.84	31.8		20	0.14	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	191	30	32		2521	3075	0.122	4.29	12.0	90	2130	0.026	2.31	30.3		31	0.16	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	283	30	35		3736	4556	0.181	8.80	12.0	90	2673	0.033	3.49	28.9		51	0.18	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	317	30	36		4184	5103	0.203	10.83	12.0	90	2850	0.035	3.93	28.5		61	0.19	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	350	30	37		4620	5635	0.224	12.98	12.0	90	2996	0.037	4.31	28.1		73	0.21	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	382	30	38		5042	6150	0.244	15.23	12.0	90	3141	0.038	4.70	27.9		86	0.23	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	438	30	40		5782	7051	0.280	19.55	12.0	90	3385	0.041	5.39	27.4		114	0.26	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	461	30	41		6085	7421	0.295	21.47	12.0	90	3483	0.043	5.68	27.3		129	0.28	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	515	30	43		6573	7985	0.324	25.51	12.4	88	3696	0.045	6.33	27.0		170	0.33	I		
Type 5	1	H26²Bec-WVCH-15/3 * FR+CP	560	30	45		7018	8480	0.345	28.67	12.6	87	3881	0.047	6.93	26.8		212	0.38	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	210	30	30		2772	3381	0.134	3.74	12.0	90	2595	0.032	4.15	31.3		27	0.13	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	256	30	32		3379	4121	0.164	5.38	12.0	90	2892	0.035	5.06	30.4		37	0.14	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	347	30	35		4580	5586	0.222	9.40	12.0	90	3453	0.042	7.00	29.3		61	0.18	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	380	30	36		5016	6117	0.243	11.11	12.0	90	3649	0.045	7.74	29.0		72	0.19	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	411	30	37		5425	6617	0.263	12.83	12.0	90	3804	0.046	8.35	28.7		83	0.20	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	441	30	38		5821	7100	0.282	14.61	12.0	90	3947	0.048	8.93	28.5		96	0.22	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	495	30	40		6534	7969	0.316	18.06	12.0	90	4190	0.051	9.96	28.1		124	0.25	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	525	30	41		6930	8452	0.335	20.13	12.0	90	4323	0.053	10.55	27.9		145	0.28	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	578	30	43		7630	9305	0.369	24.02	12.0	90	4565	0.056	11.66	27.6		186	0.32	I		
Type 6	1	H26²Bec-WVCH-18/4 * FR+CP	629	30	45		8303	10126	0.402	28.06	12.0	90	4775	0.058	12.66	27.3		240	0.38	I		