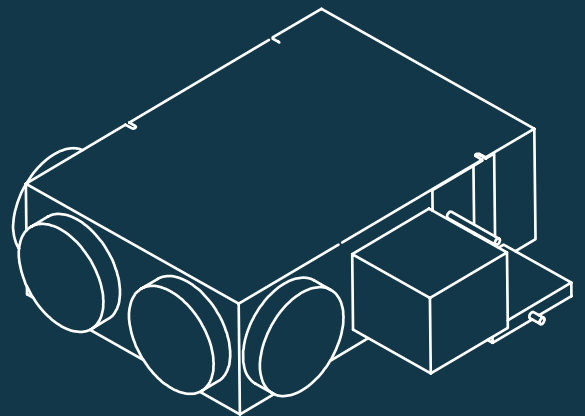
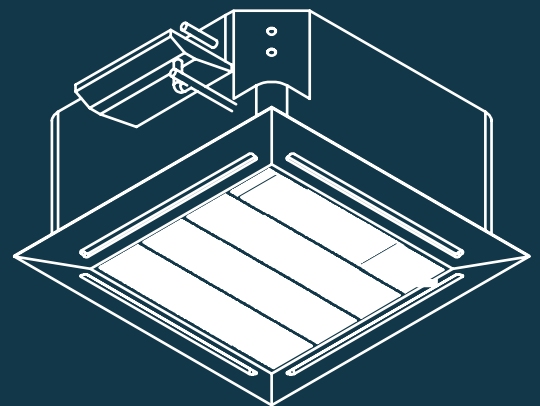
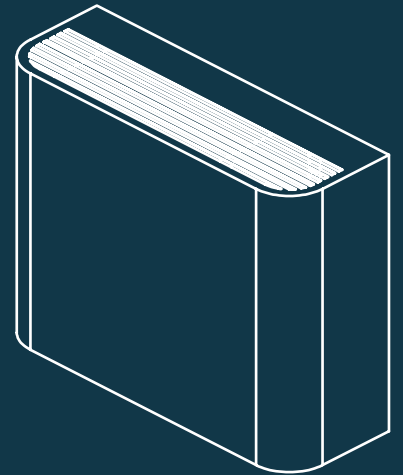


QUARTZ

FAN COILS AND HVAC



fan coils & hvac

Technical Brochure



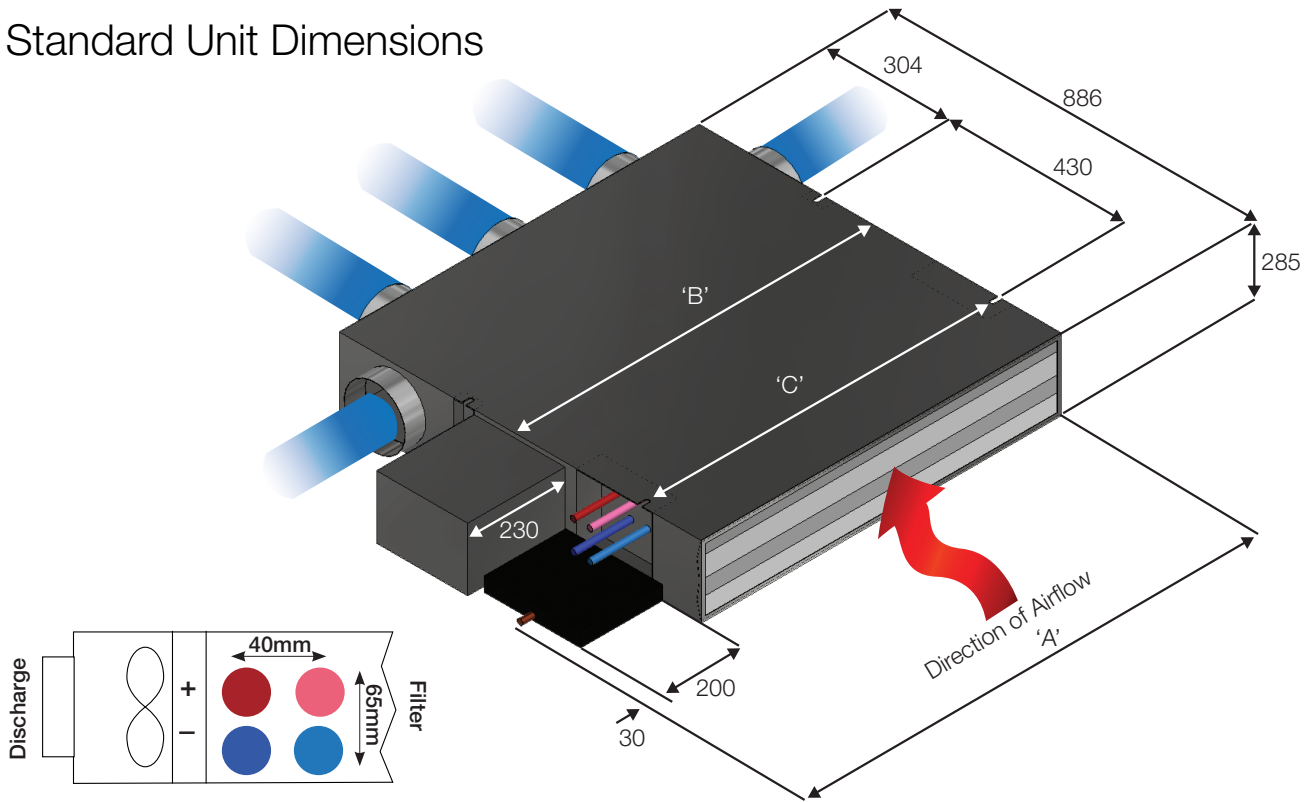
In partnership with

MARSTAIR
REFRIGERATION AND SPECIALIST AIR CONDITIONING

*ALL DATA AT 30Pa EXTERNAL RESISTANCE

Model	Speed	Airflow l/s	Cooling				Heating			Electrical (EC/DC)		Acoustic
			UK (23db/16.1wb)		Eurovent (27db/19wb)		UK (20db)	Eurovent (20°C)				
			6/12		7/12		82/71	65/55 4 pipe	45/40 2 pipe	FLC	Anticipated SFP	NR
			Sensible	Total	Sensible	Total	Total	Total	Total	Amps	w/l/s	See Qualification
			kW	kW	kW	kW	kW	kW	kW			
SPR1-1	Whisper	55	0.88	1.11	1.11	1.58	1.56	1.01	1.52	0.70	0.15	25
	Low	100	1.44	1.67	1.85	2.49	2.02	1.38	2.65	0.70	0.18	30
	Low-med	135	1.85	2.10	2.38	3.12	2.44	1.64	3.41	0.70	0.21	33
	Med	160	2.13	2.37	2.72	3.49	2.68	1.80	3.92	0.70	0.25	35
	Med-high	170	2.23	2.48	2.86	3.64	2.79	1.85	4.11	0.70	0.27	37
	High	180	2.34	2.59	2.99	3.79	2.88	1.91	4.30	0.70	0.29	40
SPR 2-2	Whisper	70	1.16	1.50	1.46	2.11	2.20	1.47	1.97	0.70	0.15	25
	Low	85	1.31	1.60	1.69	2.33	2.39	1.70	2.35	0.70	0.17	27
	Low-med	115	1.67	1.95	2.67	3.86	2.64	2.05	3.15	0.70	0.20	30
	Med	155	2.19	2.51	2.87	3.86	3.17	2.21	4.09	0.70	0.24	33
	Med-high	170	2.37	2.71	3.16	4.22	3.37	2.56	4.43	0.70	0.26	34
	High	180	2.50	2.85	3.31	4.41	3.50	2.63	4.64	0.70	0.29	35
SPR 3-2	Whisper	84	1.30	1.60	1.69	2.41	2.28	1.54	2.32	1.40	0.17	25
	Low	115	1.67	1.95	2.26	3.09	2.49	2.05	3.15	1.40	0.17	27
	Low-med	154	2.18	2.50	2.85	3.85	2.99	2.14	4.07	1.40	0.18	30
	Med	208	2.83	3.18	3.67	4.81	3.59	2.54	5.24	1.40	0.18	33
	Med-high	245	3.23	3.59	4.26	5.54	3.94	3.06	5.98	1.40	0.20	34
	High	300	3.80	4.18	4.91	6.15	4.44	3.08	7.02	1.40	0.22	35
SPR 3-3	Whisper	75	1.35	1.83	1.62	2.40	3.35	1.94	2.16	0.70	0.14	25
	Low	90	1.54	2.02	1.84	2.58	3.49	2.07	2.56	0.70	0.17	27
	Low-med	120	1.89	2.35	2.44	3.50	3.58	2.38	3.34	0.70	0.19	30
	Med	160	2.36	2.80	3.13	4.37	3.81	2.69	4.42	0.70	0.23	33
	Med-high	180	2.64	3.11	3.51	4.84	4.09	3.24	4.91	0.70	0.26	34
	High	190	2.77	3.25	3.62	5.00	4.22	2.99	5.15	0.70	0.28	35
SPR 4-3	Whisper	100	1.65	2.12	2.10	3.06	3.55	2.18	2.83	1.40	0.15	25
	Low	205	2.97	3.46	3.87	5.31	4.43	3.13	5.50	1.40	0.16	30
	Low-med	245	3.48	4.01	4.51	6.11	4.96	3.49	6.41	1.40	0.18	33
	Med	310	4.26	4.83	5.49	7.26	5.74	4.00	7.81	1.40	0.21	35
	Med-high	360	4.81	5.37	6.18	8.02	6.24	4.33	8.82	1.40	0.26	37
	High	435	5.60	6.19	7.27	9.43	6.99	5.10	10.24	1.40	0.30	40
SPR 5-4	Whisper	105	1.77	2.31	2.21	3.22	4.03	2.41	2.99	1.40	0.14	25
	Low	210	2.95	3.37	4.00	5.50	4.69	3.31	5.73	1.40	0.16	30
	Low-med	255	3.55	4.05	4.73	6.41	5.29	3.72	6.79	1.40	0.18	33
	Med	325	4.44	5.01	5.82	7.75	6.20	4.31	8.34	1.40	0.20	35
	Med-high	367	4.92	5.50	6.43	8.44	6.63	4.61	9.23	1.40	0.26	37
	High	445	5.76	6.37	7.64	10.03	7.39	5.52	10.79	1.40	0.29	40
SPR 6-4	Whisper	130	2.03	2.51	2.65	3.81	4.13	2.67	3.64	1.70	0.17	25
	Low	215	3.01	3.45	4.08	5.60	4.75	3.36	5.85	1.70	0.18	30
	Low-med	285	3.94	4.47	5.20	6.99	5.68	3.98	7.47	1.70	0.18	33
	Med	335	4.56	5.14	5.97	7.92	6.31	4.38	8.56	1.70	0.19	35
	Med-high	382	5.08	5.66	6.64	8.67	6.78	4.70	9.54	1.70	0.22	37
	High	462	5.94	6.56	7.73	9.87	7.56	5.20	11.11	1.70	0.24	40
SPR 7-5	Whisper	140	2.31	2.97	2.96	4.33	5.22	3.18	3.98	1.70	0.15	25
	Low	225	3.25	3.78	4.44	6.24	5.45	3.87	6.26	1.70	0.16	30
	Low-med	290	4.16	4.82	5.56	7.65	6.34	4.51	7.84	1.70	0.16	33
	Med	345	4.89	5.62	6.47	8.76	7.07	5.02	9.12	1.70	0.18	35
	Med-high	395	5.53	6.32	7.27	9.75	7.72	5.45	10.23	1.70	0.22	37
	High	470	6.42	7.25	8.39	11.05	8.56	6.01	11.82	1.70	0.24	40
SPR 8-5	Whisper	150	2.42	3.05	3.15	4.58	5.27	3.26	4.24	1.70	0.15	25
	Low	250	3.61	4.20	4.88	6.79	5.80	4.13	6.88	1.70	0.16	30
	Low-med	355	5.02	5.77	6.64	8.96	7.42	5.11	9.34	1.70	0.18	33
	Med	425	5.91	6.73	7.73	10.29	8.10	5.69	10.88	1.70	0.21	35
	Med-high	477	6.50	7.33	8.49	11.16	8.63	6.06	11.96	1.70	0.28	37
	High	560	7.41	8.24	9.64	12.42	9.46	6.60	13.62	1.70	0.30	40
SPR9-5	Whisper	250	3.69	4.37	4.91	6.87	5.80	4.13	6.88	3.40	0.19	25
	Low	355	5.13	5.98	6.69	9.10	7.21	5.11	9.34	3.40	0.20	30
	Low-med	425	6.03	6.94	7.79	10.43	8.10	5.69	10.88	3.40	0.20	33
	Med	477	6.63	7.55	8.55	11.31	8.63	6.06	11.96	3.40	0.20	35
	Med-high	560	7.57	8.50	9.71	12.60	9.46	6.60	13.62	3.40	0.28	37
	High	600	8.01	8.94	10.42	13.56	9.85	7.42	14.39	3.40	0.32	40

Standard Unit Dimensions



*Note: Flow into coil Depicted on a LH- Unit.
All Coil Connections 15mm Plain Copper

Unit Model	Dim 'A' Overall Width	Dim 'B' Unit Width	Dim 'C' Fixing Centres	Maximum No. of Spigots/ Size	Cooling Coil Volume (L)	Heating Coil Volume (L)	DRY Weight (approx Kg)	WET Weight (approx Kg)
SPR 1 - 1	860	630	595	4 (250/200)	1.5	0.25	45	47
SPR 2 - 2	1110	880	845	4 (250/200)	2.2	0.35	55	58
SPR 3 - 2	1110	880	845	4 (250/200)	2.2	0.35	57	68
SPR 3 - 3	1460	1230	1195	5 (250/200)	3.0	0.5	65	69
SPR 4 - 3	1460	1230	1195	5 (250/200)	3.0	0.5	75	79
SPR 5 - 4	1660	1430	1395	5 (250/200)	3.5	0.6	85	90
SPR 6 - 4	1660	1430	1395	5 (250/200)	3.5	0.6	90	95
SPR 7 - 5	2010	1780	1745	6 (250/200)	4.5	0.7	100	105
SPR 8 - 5	2010	1780	1745	6 (250/200)	4.5	0.7	105	110
SPR 9 - 5	2010	1780	1745	6 (250/200)	4.5	0.7	109	115

* All dimensions quoted in mm

