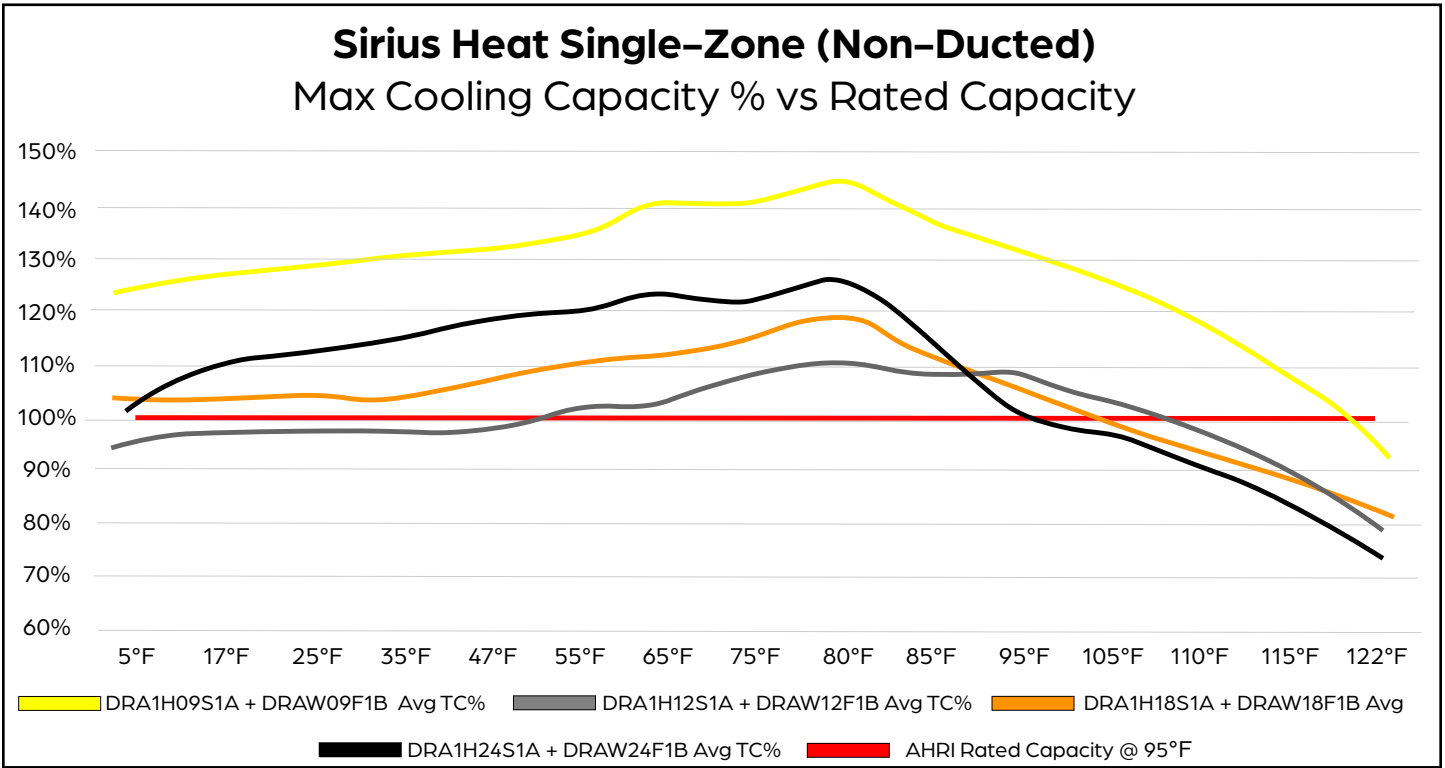




# Single Zone Cooling Performance Curves



## Sirius Heat Non-Ducted Cooling Performance Data\*

Cooling			Outdoor Temperature															
Unit	Indoor		TC	5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1H09S1A + DRAW09F1B	65°F (18.3°C)	54°F (12.2°C)	TC	10.36	10.41	10.69	10.81	10.85	11.11	11.81	11.61	12.02	11.41	10.94	10.47	9.72	8.92	8.01
			SC	7.03	7.20	7.78	8.00	8.26	8.57	9.18	8.88	9.65	9.10	8.92	8.65	8.79	8.35	7.98
			Input	0.45	0.55	0.60	0.63	0.80	0.82	0.91	0.95	1.01	1.05	1.11	1.11	1.08	1.10	1.12
	70°F (21.1°C)	59°F (15°C)	TC	10.81	11.05	11.25	11.42	11.51	11.73	12.30	12.24	12.63	11.96	11.46	11.02	10.29	9.36	8.35
			SC	7.31	7.60	8.14	8.40	8.71	8.99	9.51	9.31	10.08	9.49	9.30	9.05	9.26	8.71	8.27
			Input	0.44	0.56	0.60	0.64	0.80	0.82	0.91	0.95	1.01	1.05	1.11	1.11	1.09	1.10	1.10
	75°F (23.9°C)	63°F (17.2°C)	TC	11.33	11.73	11.77	12.00	12.21	12.37	12.83	12.98	13.31	12.66	11.99	11.67	10.93	9.92	8.72
			SC	7.61	8.03	8.46	8.79	9.19	9.44	9.87	9.83	10.58	9.98	9.68	9.53	9.78	9.19	8.61
			Input	0.44	0.56	0.59	0.64	0.80	0.83	0.90	0.95	1.01	1.07	1.10	1.11	1.10	1.11	1.10
	80°F (26.7°C)	67°F (19.4°C)	TC	11.84	12.36	12.47	12.60	12.88	13.16	13.44	13.70	13.97	13.31	12.76	12.17	11.48	10.49	9.16
			SC	7.91	8.42	8.91	9.17	9.63	9.99	10.29	10.32	11.03	10.44	10.23	9.88	10.23	9.67	8.99
			Input	0.43	0.57	0.60	0.64	0.79	0.84	0.89	0.95	1.01	1.06	1.12	1.11	1.10	1.12	1.11

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.



## Sirius Heat Non-Ducted Cooling Performance Data\*

Cooling			Outdoor Temperature															
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1H12S1A + DRAW12F1B	65°F (18.3°C)	54°F (12.2°C)	TC	10.45	10.80	10.78	10.77	10.87	11.26	11.25	12.05	12.42	12.19	11.87	11.44	10.70	10.00	8.75
			SC	7.17	7.87	7.82	7.93	8.21	8.52	8.81	9.50	9.73	9.72	9.81	9.56	9.77	9.16	8.76
			Input	0.50	0.55	0.60	0.63	0.75	0.79	0.83	0.91	0.98	1.10	1.22	1.22	1.21	1.27	1.21
	70°F (21.1°C)	59°F (15°C)	TC	11.03	11.37	11.42	11.39	11.37	11.79	11.97	12.74	12.94	12.75	12.63	12.14	11.35	10.54	9.19
			SC	7.54	8.25	8.24	8.34	8.54	8.87	9.33	9.99	10.08	10.12	10.39	10.10	10.30	9.59	9.17
			Input	0.50	0.55	0.61	0.63	0.73	0.79	0.83	0.91	0.97	1.09	1.24	1.22	1.21	1.28	1.22
	75°F (23.9°C)	63°F (17.2°C)	TC	11.60	12.03	12.06	12.09	11.97	12.41	12.67	13.32	13.48	13.28	13.21	12.71	11.99	11.07	9.74
			SC	7.89	8.68	8.66	8.80	8.95	9.29	9.82	10.37	10.43	10.49	10.80	10.51	10.84	10.01	9.67
			Input	0.50	0.56	0.60	0.64	0.73	0.79	0.84	0.91	0.97	1.07	1.24	1.22	1.22	1.27	1.24
	80°F (26.7°C)	67°F (19.4°C)	TC	12.15	12.61	12.68	12.75	12.73	13.11	13.48	13.87	14.23	14.12	14.01	13.28	12.61	11.59	10.20
			SC	8.21	9.04	9.05	9.22	9.47	9.76	10.39	10.75	10.96	11.10	11.39	10.93	11.34	10.44	10.07
			Input	0.50	0.56	0.60	0.65	0.75	0.80	0.85	0.90	0.96	1.17	1.25	1.23	1.22	1.25	1.22
DRA1H18S1A + DRAW18F1B	65°F (18.3°C)	54°F (12.2°C)	TC	17.22	17.18	17.32	17.46	17.79	18.46	18.70	19.11	20.06	18.74	17.73	16.50	15.62	14.64	13.75
			SC	12.24	12.35	12.23	12.67	12.86	14.06	14.59	14.70	15.67	14.55	14.15	13.94	13.90	13.94	13.76
			Input	0.84	0.86	0.87	0.90	1.00	1.09	1.13	1.17	1.30	1.51	1.88	1.85	1.81	1.90	1.96
	70°F (21.1°C)	59°F (15°C)	TC	18.19	17.99	18.18	18.25	18.88	19.45	19.48	20.11	20.94	19.54	18.47	17.31	16.36	15.57	14.32
			SC	12.86	12.87	12.76	13.17	13.59	14.75	15.11	15.39	16.27	15.07	14.65	14.54	14.47	14.76	14.27
			Input	0.85	0.85	0.87	0.89	1.01	1.08	1.12	1.18	1.30	1.50	1.87	1.85	1.80	1.92	1.93
	75°F (23.9°C)	63°F (17.2°C)	TC	19.13	19.08	19.34	19.07	19.69	20.26	20.68	21.15	21.92	20.63	19.24	18.28	17.11	16.44	15.14
			SC	13.45	13.58	13.50	13.68	14.11	15.29	15.96	16.09	16.96	15.84	15.17	15.28	15.04	15.51	15.03
			Input	0.84	0.85	0.88	0.88	1.00	1.07	1.12	1.19	1.28	1.51	1.87	1.85	1.80	1.91	1.92
	80°F (26.7°C)	67°F (19.4°C)	TC	20.18	20.21	20.14	20.07	20.62	21.19	21.74	22.33	22.88	21.52	20.23	19.12	18.20	17.15	15.81
			SC	14.12	14.31	13.98	14.31	14.70	15.92	16.68	16.88	17.62	16.44	15.88	15.89	15.93	16.08	15.62
			Input	0.85	0.85	0.86	0.88	1.00	1.06	1.12	1.19	1.26	1.75	1.87	1.84	1.83	1.90	1.92
DRA1H24S1A + DRAW24F1B	65°F (18.3°C)	54°F (12.2°C)	TC	21.01	23.27	24.07	24.31	24.89	25.56	26.46	25.66	26.84	24.62	21.22	20.71	19.57	17.68	15.70
			SC	14.51	16.35	17.73	17.93	18.89	19.51	20.95	19.98	20.74	19.65	17.53	17.86	17.22	16.86	15.61
			Input	0.98	1.14	1.24	1.31	1.54	1.63	1.82	1.90	2.10	2.27	2.36	2.38	2.31	2.31	2.30
	70°F (21.1°C)	59°F (15°C)	TC	22.32	24.65	25.07	25.73	26.48	26.99	27.83	27.27	28.43	25.89	22.55	21.87	20.43	18.77	16.63
			SC	15.35	17.21	18.38	18.87	20.00	20.49	21.92	21.11	21.83	20.56	18.55	18.74	17.87	17.80	16.48
			Input	0.99	1.14	1.22	1.32	1.54	1.65	1.81	1.92	2.12	2.25	2.38	2.40	2.30	2.33	2.30
	75°F (23.9°C)	63°F (17.2°C)	TC	23.57	25.68	26.45	26.99	28.05	28.29	28.99	28.89	29.71	27.02	23.94	23.00	21.43	19.84	17.32
			SC	16.13	17.83	19.28	19.69	21.09	21.37	22.71	22.27	22.67	21.34	19.58	19.60	18.63	18.70	17.09
			Input	1.00	1.12	1.21	1.31	1.55	1.65	1.78	1.92	2.08	2.25	2.39	2.41	2.32	2.35	2.28
	80°F (26.7°C)	67°F (19.4°C)	TC	24.94	27.00	27.69	28.27	29.37	29.81	30.23	30.63	31.05	28.21	25.26	24.06	22.73	20.80	18.19
			SC	16.99	18.66	20.08	20.52	21.97	22.39	23.55	23.49	23.56	22.17	20.53	20.38	19.64	19.51	17.87
			Input	1.00	1.12	1.20	1.30	1.54	1.66	1.78	1.92	2.09	2.26	2.40	2.38	2.35	2.34	2.28

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.

DB --- Dry Bulb

WB --- Wet Bulb

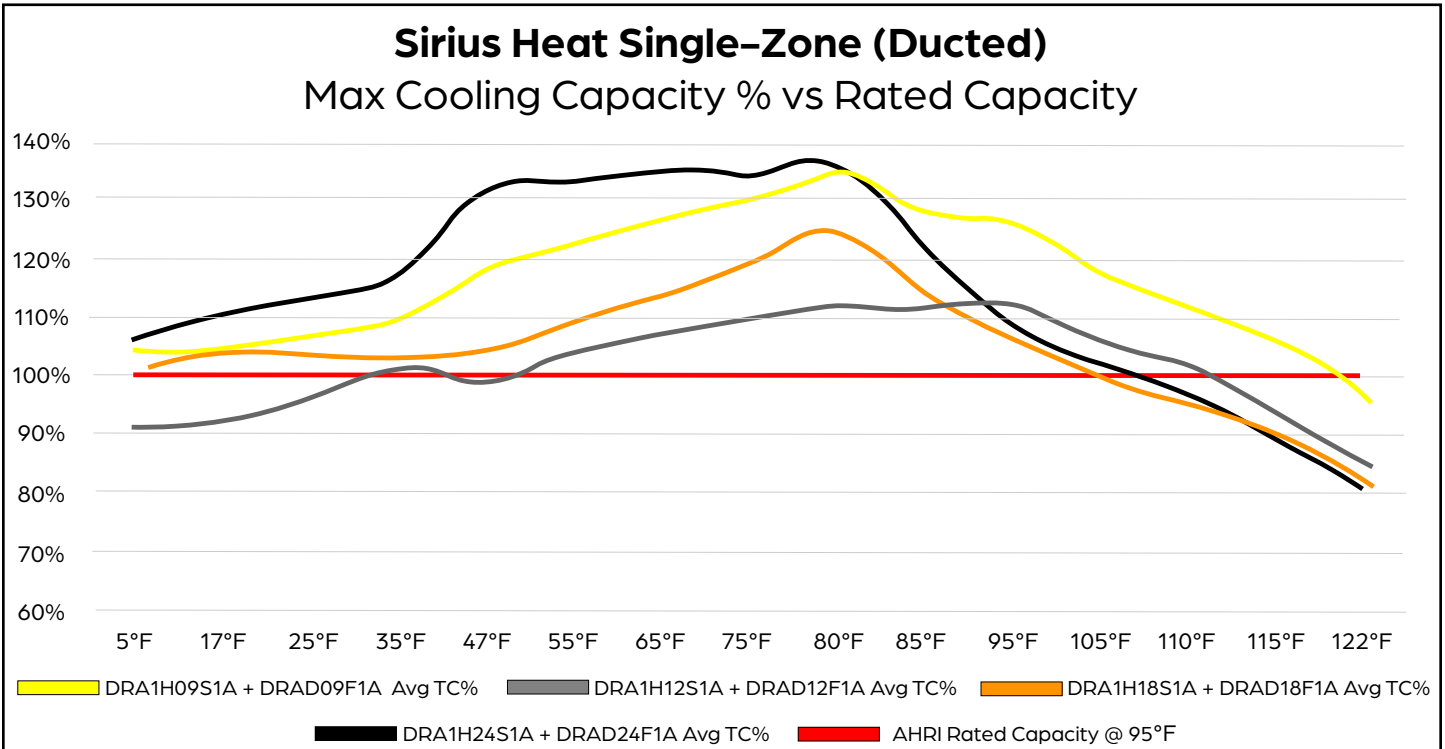
TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)



# Single Zone Cooling Performance Curves



## Sirius Heat Ducted Cooling Performance Data\*

Cooling			Outdoor Temperature															
Unit	Indoor		5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F	
	DB	WB	-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C	
DRA1H09S1A + DRAD09F1A	65°F (18.3°C)	54°F (12.2°C)	TC	8.67	8.73	8.86	9.10	9.69	10.10	10.62	10.77	11.17	10.55	10.37	9.62	9.15	8.84	7.92
			SC	5.88	6.14	6.45	6.63	7.01	7.67	8.17	8.39	8.59	8.35	8.50	8.10	8.28	8.31	7.92
			Input	0.38	0.46	0.48	0.53	0.66	0.70	0.76	0.76	0.80	0.93	1.18	1.17	1.12	1.23	1.23
	70°F (21.1°C)	59°F (15°C)	TC	9.16	9.15	9.42	9.57	10.31	10.66	11.12	11.39	11.75	11.11	11.03	10.20	9.68	9.26	8.30
			SC	6.18	6.41	6.82	6.93	7.41	8.04	8.50	8.82	8.99	8.74	8.98	8.55	8.71	8.66	8.27
			Input	0.39	0.45	0.48	0.52	0.66	0.70	0.74	0.77	0.79	0.93	1.18	1.17	1.13	1.22	1.23
	75°F (23.9°C)	63°F (17.2°C)	TC	9.54	9.58	9.86	10.18	10.85	11.29	11.58	11.90	12.36	11.76	11.60	10.84	10.26	9.67	8.83
			SC	6.40	6.68	7.11	7.33	7.77	8.47	8.81	9.16	9.40	9.21	9.39	9.03	9.19	8.98	8.77
			Input	0.38	0.45	0.48	0.53	0.66	0.71	0.73	0.76	0.80	0.94	1.19	1.17	1.15	1.20	1.25
	80°F (26.7°C)	67°F (19.4°C)	TC	10.00	10.07	10.42	10.73	11.47	11.82	12.19	12.55	12.90	12.50	12.13	11.47	10.92	10.17	9.27
			SC	6.67	6.98	7.47	7.69	8.17	8.82	9.22	9.60	9.76	9.74	9.76	9.50	9.72	9.39	9.16
			Input	0.39	0.45	0.49	0.54	0.67	0.70	0.73	0.76	0.79	1.11	1.19	1.17	1.17	1.19	1.24

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.



## Sirius Heat Ducted Cooling Performance Data\* cont.

Cooling			Outdoor Temperature															
Unit	Indoor		5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F	
	DB	WB	-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C	
DRA1H12S1A + DRAD12F1A	65°F (18.3°C)	54°F (12.2°C)	TC	10.17	10.11	10.61	11.18	11.02	11.49	11.88	12.05	12.25	12.26	12.44	11.63	11.32	10.23	9.41
			SC	6.99	7.01	7.46	7.98	8.03	8.97	9.31	9.30	9.62	9.86	10.11	9.73	10.10	9.54	9.34
			Input	0.51	0.63	0.65	0.71	0.79	0.82	0.85	0.87	0.90	1.05	1.29	1.29	1.31	1.34	1.37
	70°F (21.1°C)	59°F (15°C)	TC	10.60	10.66	11.22	11.74	11.62	12.05	12.45	12.82	13.03	12.97	12.97	12.22	11.82	10.74	9.83
			SC	7.24	7.35	7.85	8.35	8.42	9.36	9.71	9.85	10.17	10.37	10.48	10.17	10.48	9.96	9.73
			Input	0.50	0.63	0.66	0.70	0.80	0.82	0.85	0.88	0.91	1.06	1.28	1.29	1.29	1.33	1.35
	75°F (23.9°C)	63°F (17.2°C)	TC	11.07	11.21	11.77	12.26	12.19	12.76	13.15	13.51	13.68	13.71	13.77	12.93	12.48	11.38	10.36
			SC	7.52	7.69	8.19	8.67	8.78	9.85	10.19	10.33	10.63	10.91	11.08	10.71	11.01	10.50	10.20
			Input	0.50	0.63	0.67	0.70	0.79	0.82	0.85	0.89	0.90	1.06	1.30	1.29	1.29	1.34	1.35
	80°F (26.7°C)	67°F (19.4°C)	TC	11.53	11.77	12.39	13.01	12.93	13.33	13.75	14.17	14.54	14.51	14.48	13.74	13.03	12.10	10.99
			SC	7.78	8.03	8.58	9.16	9.26	10.24	10.60	10.79	11.24	11.48	11.58	11.31	11.43	11.09	10.78
			Input	0.49	0.63	0.66	0.70	0.79	0.82	0.85	0.88	0.91	1.23	1.31	1.29	1.28	1.34	1.37
DRA1H18S1A + DRAD18F1A	65°F (18.3°C)	54°F (12.2°C)	TC	15.76	16.10	16.16	16.10	16.22	17.06	17.72	18.83	19.46	17.70	16.65	15.41	14.75	14.06	12.70
			SC	10.70	11.75	11.58	11.87	12.15	13.17	14.03	14.74	15.32	13.77	13.41	13.16	13.05	13.04	12.67
			Input	0.77	0.82	0.85	0.89	0.97	1.03	1.10	1.19	1.27	1.51	1.89	1.80	1.81	1.94	2.02
	70°F (21.1°C)	59°F (15°C)	TC	16.58	17.06	17.14	16.94	17.02	17.92	18.64	19.61	20.52	18.73	17.60	16.36	15.69	14.88	13.52
			SC	11.19	12.38	12.20	12.44	12.69	13.74	14.67	15.26	16.06	14.49	14.10	13.90	13.80	13.71	13.42
			Input	0.76	0.83	0.87	0.89	0.96	1.03	1.10	1.17	1.26	1.51	1.91	1.83	1.84	1.97	2.02
	75°F (23.9°C)	63°F (17.2°C)	TC	17.41	18.01	17.93	17.93	18.03	18.86	19.72	20.58	21.67	19.88	18.37	17.33	16.55	15.51	14.09
			SC	11.70	13.00	12.70	13.10	13.37	14.38	15.44	15.92	16.86	15.30	14.63	14.64	14.48	14.22	13.94
			Input	0.76	0.84	0.85	0.90	0.98	1.04	1.11	1.17	1.26	1.50	1.90	1.86	1.85	1.94	2.01
	80°F (26.7°C)	67°F (19.4°C)	TC	18.27	19.10	19.01	18.93	19.12	20.04	20.91	21.80	22.67	20.86	19.38	18.35	17.44	16.23	14.77
			SC	12.21	13.70	13.38	13.76	14.09	15.21	16.29	16.76	17.55	15.98	15.35	15.42	15.17	14.80	14.55
			Input	0.77	0.84	0.87	0.90	0.99	1.05	1.12	1.18	1.26	1.78	1.89	1.87	1.85	1.92	2.01
DRA1H24S1A + DRAD24F1A	65°F (18.3°C)	54°F (12.2°C)	TC	23.29	24.58	24.96	25.94	29.24	29.45	30.11	29.72	29.65	27.00	24.13	22.79	21.22	19.62	17.72
			SC	16.10	17.95	18.02	18.49	21.93	22.49	23.52	22.74	23.41	21.05	19.26	19.32	18.89	18.72	17.64
			Input	1.44	1.50	1.51	1.65	1.99	2.00	2.08	2.08	2.04	2.26	2.48	2.41	2.33	2.43	2.63
	70°F (21.1°C)	59°F (15°C)	TC	24.67	25.68	26.44	27.39	30.49	31.07	31.43	31.02	31.51	28.36	25.32	23.86	22.53	20.83	18.58
			SC	16.95	18.66	18.96	19.42	22.74	23.59	24.43	23.62	24.74	22.00	20.09	20.13	19.94	19.75	18.40
			Input	1.45	1.48	1.54	1.65	1.97	2.01	2.07	2.05	2.07	2.26	2.47	2.42	2.36	2.47	2.61
	75°F (23.9°C)	63°F (17.2°C)	TC	26.02	27.04	27.83	28.62	32.33	32.57	33.08	32.86	33.35	29.85	26.62	24.99	23.69	21.74	19.54
			SC	17.78	19.53	19.85	20.16	23.96	24.60	25.56	24.89	26.01	23.02	21.01	20.95	20.85	20.53	19.27
			Input	1.46	1.46	1.53	1.62	2.00	2.01	2.06	2.08	2.10	2.25	2.46	2.40	2.38	2.43	2.59
	80°F (26.7°C)	67°F (19.4°C)	TC	27.51	28.64	29.48	30.26	33.82	34.17	34.50	34.85	35.18	31.46	27.88	26.36	25.09	23.13	20.63
			SC	18.70	20.56	20.90	21.18	24.92	25.66	26.53	26.24	27.30	24.13	21.89	21.96	21.96	21.70	20.26
			Input	1.46	1.46	1.54	1.62	1.98	2.02	2.05	2.08	2.11	2.33	2.44	2.41	2.39	2.48	2.57

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.

DB --- Dry Bulb

WB --- Wet Bulb

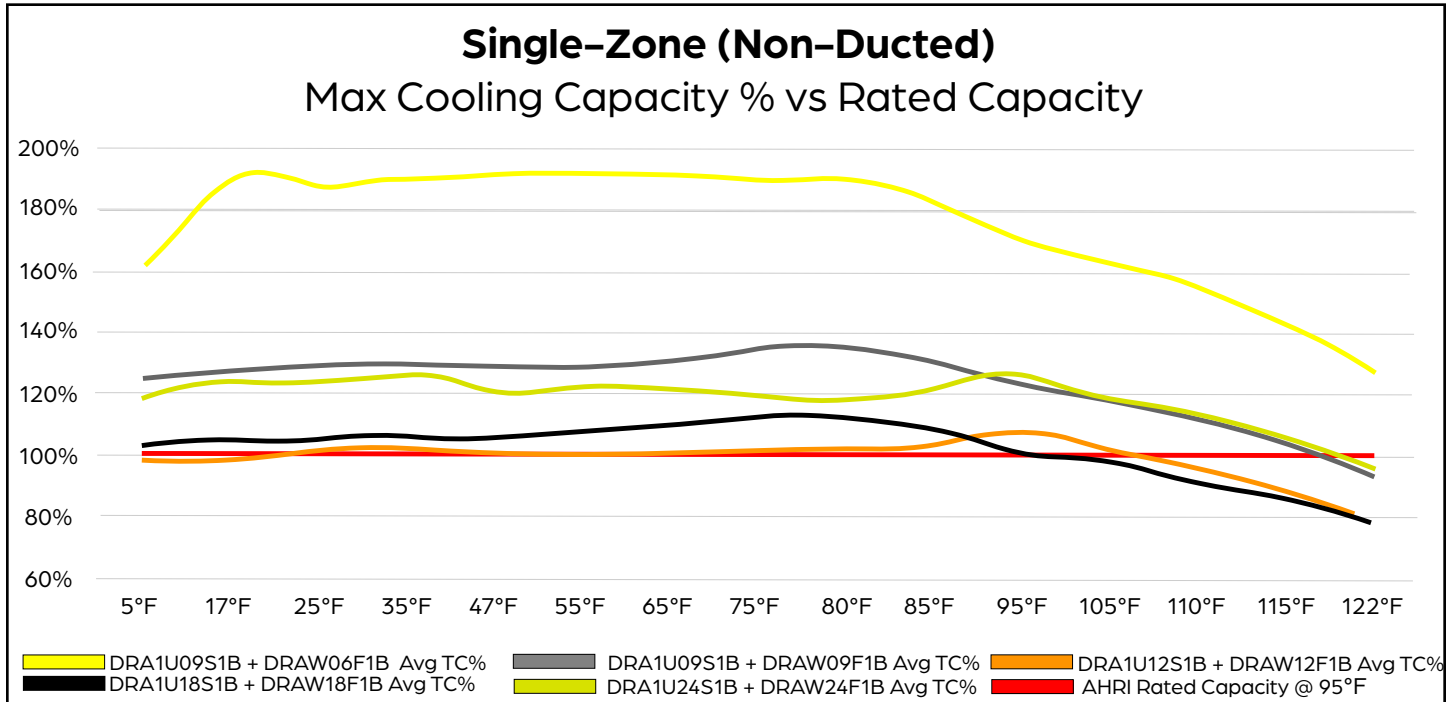
TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)



# Single Zone Cooling Performance Curves



## Non-Ducted Cooling Performance Data\*

Cooling			Outdoor Temperature															
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1U09S1B + DRAW06F1B	65°F (18.3°C)	54°F (12.2°C)	TC	8.81	10.63	10.49	10.65	10.71	10.67	10.50	10.53	10.51	10.20	9.30	9.00	8.49	7.91	7.03
			SC	6.16	7.36	7.69	7.75	8.06	8.25	8.29	8.08	8.38	8.28	7.66	7.69	7.69	7.50	7.00
			Input	0.66	0.78	0.81	0.83	0.88	0.89	0.90	0.89	0.90	0.98	0.96	0.98	0.96	1.00	1.01
	70°F (21.1°C)	59°F (15°C)	TC	9.36	11.11	11.01	11.09	11.25	11.14	11.16	11.08	10.97	10.65	9.86	9.38	9.02	8.28	7.41
			SC	6.51	7.65	8.02	8.03	8.42	8.55	8.76	8.45	8.70	8.60	8.08	7.98	8.12	7.80	7.36
			Input	0.67	0.78	0.80	0.82	0.88	0.88	0.91	0.89	0.90	0.96	0.96	0.98	0.96	0.99	1.02
	75°F (23.9°C)	63°F (17.2°C)	TC	9.81	11.66	11.52	11.66	11.77	11.79	11.80	11.76	11.67	11.14	10.44	9.98	9.55	8.75	7.75
			SC	6.78	7.98	8.35	8.39	8.76	9.00	9.20	8.92	9.21	8.94	8.50	8.44	8.56	8.20	7.66
			Input	0.67	0.78	0.80	0.83	0.88	0.88	0.91	0.90	0.91	0.96	0.98	0.99	0.97	1.00	1.02
	80°F (26.7°C)	67°F (19.4°C)	TC	10.38	12.18	12.24	12.29	12.39	12.38	12.38	12.38	12.38	11.76	11.10	10.53	9.99	9.18	8.07
			SC	7.14	8.30	8.82	8.79	9.17	9.40	9.61	9.35	9.70	9.39	8.99	8.86	8.89	8.55	7.93
			Input	0.68	0.77	0.79	0.82	0.88	0.89	0.90	0.90	0.91	0.97	0.99	0.98	0.97	1.00	1.00

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.



## Non-Ducted Cooling Performance Data\*

Cooling			TC	Outdoor Temperature														
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1U09S1B + DRAW09F1B	65°F (18.3°C)	54°F (12.2°C)	TC	10.42	10.55	10.53	10.83	10.74	10.60	10.87	11.30	10.97	10.97	10.28	9.70	9.30	8.55	7.79
			SC	7.02	7.47	7.80	7.85	7.79	8.08	8.59	8.82	8.68	8.60	8.18	8.15	8.35	8.09	7.75
			Input	0.65	0.68	0.72	0.78	0.83	0.82	0.85	0.89	0.87	0.97	1.01	0.97	0.96	1.00	1.03
	70°F (21.1°C)	59°F (15°C)	TC	10.91	11.16	11.10	11.40	11.31	11.25	11.50	11.88	11.57	11.50	10.88	10.30	9.86	9.10	8.13
			SC	7.32	7.85	8.18	8.22	8.15	8.53	9.05	9.23	9.11	8.96	8.61	8.61	8.80	8.55	8.06
			Input	0.65	0.69	0.73	0.79	0.82	0.83	0.85	0.90	0.87	0.95	1.00	0.97	0.96	1.00	1.02
	75°F (23.9°C)	63°F (17.2°C)	TC	11.42	11.82	11.77	11.91	11.86	11.87	12.04	12.37	12.30	11.98	11.40	10.89	10.34	9.53	8.60
			SC	7.62	8.27	8.64	8.53	8.51	8.95	9.42	9.56	9.62	9.28	8.97	9.04	9.18	8.90	8.49
			Input	0.65	0.69	0.73	0.79	0.82	0.82	0.85	0.88	0.88	0.95	0.99	0.97	0.96	1.00	1.02
	80°F (26.7°C)	67°F (19.4°C)	TC	12.08	12.37	12.51	12.66	12.44	12.59	12.76	12.92	13.08	12.58	11.98	11.40	10.78	10.09	9.14
			SC	8.01	8.61	9.12	9.01	8.88	9.44	9.91	9.92	10.18	9.70	9.38	9.40	9.52	9.37	8.98
			Input	0.66	0.70	0.74	0.80	0.82	0.84	0.86	0.88	0.90	0.95	0.99	0.97	0.97	1.01	1.03
DRA1U12S1B + DRAW12F1B	65°F (18.3°C)	54°F (12.2°C)	TC	10.93	11.10	11.17	11.28	11.07	11.10	11.28	11.10	11.06	11.37	11.99	11.30	10.60	9.80	8.69
			SC	7.48	7.86	8.00	8.46	8.23	8.67	8.73	8.76	8.81	9.05	9.80	9.75	9.55	9.16	8.70
			Input	0.72	0.74	0.77	0.79	0.83	0.86	0.90	0.94	0.99	1.09	1.23	1.20	1.16	1.19	1.20
	70°F (21.1°C)	59°F (15°C)	TC	11.44	11.59	11.84	11.79	11.69	11.60	11.79	11.72	11.73	12.09	12.49	11.84	11.22	10.29	9.12
			SC	7.79	8.16	8.44	8.80	8.63	9.01	9.08	9.19	9.28	9.57	10.15	10.16	10.05	9.56	9.10
			Input	0.72	0.74	0.77	0.78	0.82	0.85	0.89	0.95	0.98	1.09	1.20	1.20	1.17	1.19	1.20
	75°F (23.9°C)	63°F (17.2°C)	TC	12.06	12.18	12.43	12.47	12.33	12.31	12.30	12.33	12.40	12.59	13.19	12.40	11.85	10.85	9.59
			SC	8.16	8.52	8.82	9.25	9.06	9.51	9.42	9.63	9.76	9.93	10.67	10.59	10.56	10.02	9.53
			Input	0.71	0.75	0.76	0.78	0.83	0.86	0.89	0.95	0.98	1.07	1.21	1.18	1.17	1.19	1.20
	80°F (26.7°C)	67°F (19.4°C)	TC	12.83	12.93	13.11	13.26	12.98	13.00	13.02	13.04	13.06	13.39	13.74	13.09	12.37	11.43	10.11
			SC	8.63	9.00	9.24	9.79	9.49	9.98	9.91	10.12	10.22	10.50	11.05	11.13	10.96	10.49	9.99
			Input	0.71	0.75	0.77	0.80	0.83	0.86	0.90	0.95	0.99	1.14	1.19	1.19	1.17	1.19	1.18
DRA1U18S1B + DRAW18F1B	65°F (18.3°C)	54°F (12.2°C)	TC	17.01	17.48	17.25	17.55	17.53	17.89	18.21	18.53	18.85	18.03	16.57	16.52	15.23	14.16	12.92
			SC	11.94	12.23	12.17	12.52	12.75	13.94	14.16	14.50	14.83	13.97	13.49	13.89	13.54	13.23	12.87
			Input	0.73	0.77	0.81	0.90	1.00	1.06	1.11	1.17	1.24	1.45	1.65	1.72	1.64	1.72	1.76
	70°F (21.1°C)	59°F (15°C)	TC	17.95	18.43	18.35	18.64	18.30	18.82	19.09	19.69	19.88	18.86	17.61	17.25	16.10	14.89	13.73
			SC	12.53	12.84	12.86	13.21	13.25	14.59	14.77	15.32	15.57	14.53	14.25	14.42	14.23	13.85	13.63
			Input	0.73	0.77	0.82	0.90	0.99	1.05	1.11	1.17	1.23	1.45	1.65	1.69	1.65	1.72	1.79
	75°F (23.9°C)	63°F (17.2°C)	TC	18.89	19.30	19.44	19.70	19.32	19.64	20.29	20.62	20.91	20.02	18.65	17.96	16.88	15.74	14.40
			SC	13.10	13.38	13.55	13.89	13.92	15.14	15.62	15.96	16.27	15.33	15.01	14.94	14.82	14.55	14.25
			Input	0.72	0.77	0.83	0.91	0.99	1.05	1.12	1.17	1.23	1.46	1.68	1.69	1.65	1.71	1.79
	80°F (26.7°C)	67°F (19.4°C)	TC	19.97	20.23	20.42	20.58	20.29	20.72	21.13	21.57	22.01	20.85	19.68	18.75	17.71	16.55	15.13
			SC	13.78	13.94	14.15	14.43	14.53	15.87	16.19	16.59	17.03	15.87	15.74	15.49	15.48	15.22	14.89
			Input	0.72	0.77	0.83	0.91	0.99	1.05	1.10	1.17	1.24	1.57	1.68	1.67	1.64	1.71	1.80

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.



## Non-Ducted Cooling Performance Data\* cont.

Cooling				Outdoor Temperature														
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1U24S1B + DRAW24F1B	65°F (18.3°C)	54°F (12.2°C)	TC	26.11	27.32	27.75	28.05	26.87	27.12	26.93	26.22	26.08	26.72	28.11	26.20	25.01	23.52	21.30
			SC	18.14	19.73	19.51	20.59	19.62	20.62	20.68	20.77	20.94	21.07	22.44	21.86	21.95	22.22	21.21
			Input	1.43	1.55	1.59	1.69	1.75	1.80	1.88	1.88	1.95	2.43	3.24	3.11	3.13	3.27	3.28
	70°F (21.1°C)	59°F (15°C)	TC	27.51	28.98	29.03	29.62	28.38	28.28	28.43	27.80	27.74	28.09	29.31	27.47	26.27	24.86	22.35
			SC	18.99	20.83	20.28	21.61	20.60	21.37	21.72	21.90	22.16	22.02	23.29	22.79	22.91	23.38	22.17
			Input	1.43	1.56	1.60	1.70	1.74	1.79	1.87	1.90	1.95	2.43	3.23	3.13	3.12	3.30	3.27
	75°F (23.9°C)	63°F (17.2°C)	TC	29.20	30.50	30.24	31.08	29.84	29.76	29.99	29.32	29.23	29.73	30.72	28.73	27.59	26.14	23.72
			SC	20.07	21.81	21.03	22.54	21.55	22.37	22.77	22.99	23.24	23.18	24.29	23.69	23.94	24.47	23.44
			Input	1.43	1.56	1.57	1.70	1.75	1.81	1.87	1.90	1.97	2.44	3.21	3.12	3.14	3.28	3.30
	80°F (26.7°C)	67°F (19.4°C)	TC	30.61	31.77	32.10	32.44	31.61	31.43	31.24	31.06	30.87	31.49	32.21	30.47	28.99	27.29	24.87
			SC	20.91	22.59	22.18	23.42	22.70	23.51	23.59	24.23	24.39	24.44	25.31	24.98	24.99	25.38	24.47
			Input	1.44	1.53	1.60	1.67	1.75	1.80	1.85	1.90	1.96	2.99	3.18	3.12	3.11	3.23	3.31

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.

DB --- Dry Bulb

WB --- Wet Bulb

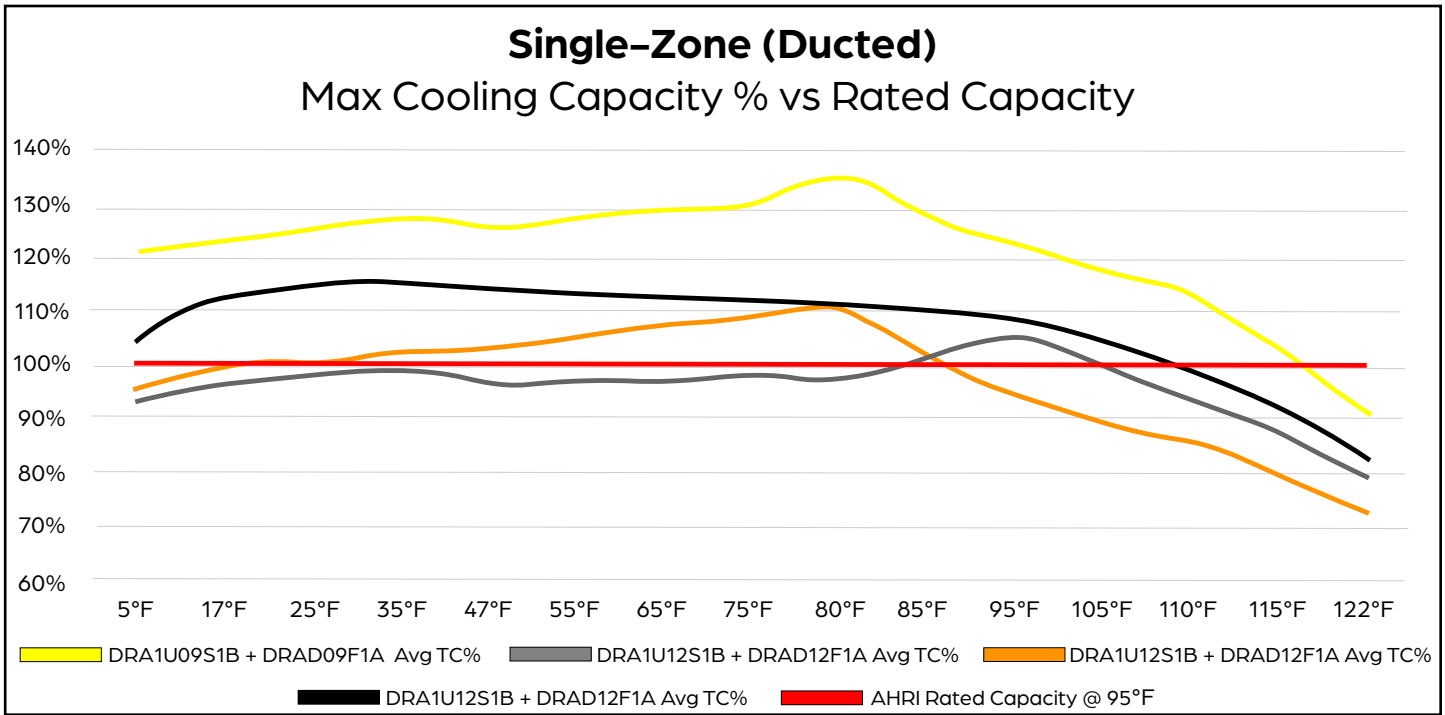
TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)



# Single Zone Cooling Performance Curves



## Ducted Cooling Performance Data\*

Cooling			Outdoor Temperature															
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1U09S1B + DRAD09F1A	65°F (18.3°C)	54°F (12.2°C)	TC	9.98	10.24	10.30	10.62	10.43	10.61	10.81	10.89	11.25	10.63	10.02	9.82	9.33	8.53	7.46
			SC	6.91	7.14	7.61	7.67	7.74	7.95	8.34	8.37	9.03	8.34	8.31	8.24	8.21	7.99	7.46
			Input	0.60	0.64	0.65	0.70	0.70	0.72	0.77	0.79	0.84	0.91	1.01	1.04	1.04	1.04	1.04
	70°F (21.1°C)	59°F (15°C)	TC	10.62	10.66	10.91	11.10	11.03	11.11	11.26	11.43	11.83	11.14	10.64	10.30	9.85	8.89	7.91
			SC	7.31	7.40	8.01	7.96	8.14	8.28	8.64	8.73	9.44	8.70	8.78	8.60	8.63	8.27	7.87
			Input	0.61	0.63	0.66	0.70	0.70	0.72	0.75	0.78	0.84	0.90	1.02	1.03	1.04	1.02	1.02
	75°F (23.9°C)	63°F (17.2°C)	TC	11.07	11.26	11.52	11.72	11.49	11.67	11.89	11.96	12.35	11.72	11.24	10.76	10.32	9.33	8.31
			SC	7.58	7.77	8.42	8.36	8.43	8.66	9.08	9.10	9.79	9.10	9.21	8.94	8.99	8.63	8.23
			Input	0.61	0.63	0.67	0.70	0.70	0.72	0.76	0.78	0.84	0.90	1.02	1.02	1.03	1.02	1.02
	80°F (26.7°C)	67°F (19.4°C)	TC	11.67	11.97	12.08	12.21	12.18	12.35	12.53	12.70	12.86	12.36	11.95	11.41	10.76	9.81	8.66
			SC	7.94	8.21	8.77	8.67	8.89	9.11	9.51	9.60	10.15	9.54	9.74	9.44	9.33	9.03	8.55
			Input	0.60	0.64	0.66	0.68	0.70	0.73	0.76	0.79	0.82	0.99	1.03	1.03	1.01	1.01	1.01

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.





## Ducted Cooling Performance Data\* cont.

Cooling			TC	Outdoor Temperature														
Unit	Indoor			5°C	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
	DB	WB		-15°C	-8.3°C	-3.9°C	1.7°C	8.3°C	12.8°C	18.3°C	24°C	26.7°C	29.4°C	35°C	40.5°C	43.3°C	46°C	50°C
DRA1U12S1B + DRAD12F1A	65°F (18.3°C)	54°F (12.2°C)	TC	10.29	10.74	10.88	10.90	10.66	10.64	10.75	10.77	10.80	11.15	11.74	11.04	10.18	9.62	8.77
			SC	6.94	7.66	8.03	7.95	8.04	8.04	8.15	8.25	8.68	8.75	9.58	9.27	9.31	8.89	8.73
			Input	0.62	0.75	0.81	0.84	0.93	0.94	0.97	0.98	1.00	1.11	1.26	1.22	1.19	1.20	1.20
	70°F (21.1°C)	59°F (15°C)	TC	10.91	11.19	11.51	11.59	11.27	11.26	11.30	11.41	11.34	11.82	12.29	11.52	10.80	10.18	9.24
			SC	7.32	7.93	8.45	8.39	8.46	8.46	8.51	8.68	9.05	9.21	9.97	9.61	9.82	9.35	9.15
			Input	0.63	0.75	0.81	0.86	0.93	0.95	0.96	0.99	1.01	1.12	1.26	1.22	1.19	1.22	1.22
	75°F (23.9°C)	63°F (17.2°C)	TC	11.44	11.89	12.05	12.15	11.91	11.84	11.88	12.13	11.96	12.49	12.83	12.25	11.38	10.83	9.69
			SC	7.63	8.38	8.81	8.74	8.89	8.85	8.90	9.18	9.50	9.68	10.34	10.16	10.29	9.89	9.56
			Input	0.64	0.75	0.81	0.85	0.94	0.95	0.97	0.99	1.00	1.12	1.24	1.23	1.20	1.24	1.24
	80°F (26.7°C)	67°F (19.4°C)	TC	12.09	12.40	12.62	12.87	12.58	12.60	12.62	12.65	12.67	13.08	13.45	12.82	12.11	11.30	10.11
			SC	8.03	8.68	9.16	9.20	9.34	9.36	9.42	9.52	10.01	10.08	10.77	10.58	10.88	10.26	9.93
			Input	0.63	0.75	0.81	0.86	0.94	0.96	0.97	0.99	1.01	1.18	1.24	1.23	1.21	1.23	1.24
DRA1U12S1B + DRAD18F1A	65°F (18.3°C)	54°F (12.2°C)	TC	15.70	16.38	16.62	16.94	17.04	17.43	17.69	17.99	18.32	16.73	15.52	14.61	14.12	13.01	11.97
			SC	11.08	11.67	11.70	12.05	12.45	13.01	13.90	13.95	14.54	13.11	12.59	12.23	12.82	12.20	11.87
			Input	0.66	0.73	0.74	0.76	0.86	0.94	0.99	1.02	1.12	1.28	1.56	1.53	1.51	1.54	1.54
	70°F (21.1°C)	59°F (15°C)	TC	16.61	17.33	17.31	17.87	17.88	18.38	18.80	19.03	19.08	17.56	16.50	15.54	15.02	13.79	12.64
			SC	11.66	12.29	12.13	12.65	13.00	13.65	14.69	14.68	15.05	13.68	13.31	12.93	13.55	12.85	12.50
			Input	0.65	0.73	0.73	0.76	0.87	0.93	1.00	1.03	1.10	1.28	1.58	1.54	1.54	1.55	1.56
	75°F (23.9°C)	63°F (17.2°C)	TC	17.67	18.38	18.39	18.95	18.86	19.41	19.70	19.99	20.17	18.64	17.22	16.45	15.83	14.59	13.27
			SC	12.34	12.95	12.81	13.34	13.64	14.33	15.32	15.33	15.83	14.44	13.83	13.60	14.19	13.54	13.06
			Input	0.67	0.73	0.74	0.77	0.86	0.93	0.99	1.04	1.11	1.29	1.56	1.54	1.54	1.57	1.56
	80°F (26.7°C)	67°F (19.4°C)	TC	18.64	19.33	19.55	19.74	19.98	20.33	20.67	21.04	21.39	19.70	18.32	17.31	16.49	15.37	14.03
			SC	12.94	13.55	13.55	13.82	14.38	14.92	15.98	16.06	16.68	15.17	14.62	14.25	14.69	14.17	13.74
			Input	0.66	0.73	0.75	0.76	0.87	0.93	0.98	1.05	1.12	1.48	1.57	1.55	1.54	1.56	1.55
DRA1U18S1B + DRAD24F1A	65°F (18.3°C)	54°F (12.2°C)	TC	22.81	25.16	25.51	25.49	25.13	25.32	25.05	24.80	24.31	24.32	23.76	23.33	21.93	20.26	18.23
			SC	15.67	17.39	18.74	18.14	18.77	19.64	19.19	19.47	19.06	19.39	19.66	20.06	19.66	19.26	18.09
			Input	1.06	1.17	1.26	1.32	1.32	1.41	1.45	1.50	1.55	1.99	2.64	2.71	2.66	2.73	2.87
	70°F (21.1°C)	59°F (15°C)	TC	24.24	26.29	26.79	27.04	26.73	26.43	26.29	26.02	25.72	25.60	25.14	24.33	22.92	21.40	19.07
			SC	16.55	18.07	19.57	19.13	19.85	20.37	20.02	20.32	20.06	20.30	20.71	20.80	20.44	20.25	18.84
			Input	1.07	1.16	1.26	1.34	1.35	1.40	1.46	1.50	1.56	1.99	2.63	2.66	2.64	2.72	2.83
	75°F (23.9°C)	63°F (17.2°C)	TC	25.57	27.50	28.17	28.31	28.05	27.91	27.41	27.34	27.19	27.01	26.66	25.80	24.07	22.59	20.09
			SC	17.37	18.81	20.46	19.93	20.71	21.41	20.76	21.25	21.10	21.29	21.83	21.92	21.34	21.27	19.77
			Input	1.06	1.15	1.25	1.32	1.34	1.41	1.43	1.49	1.57	2.00	2.66	2.71	2.62	2.74	2.82
	80°F (26.7°C)	67°F (19.4°C)	TC	27.20	29.20	29.44	29.67	29.49	29.28	29.07	28.87	28.65	28.43	28.24	26.87	25.42	23.54	21.09
			SC	18.39	19.88	21.29	20.77	21.65	22.34	21.92	22.31	22.09	22.29	23.02	22.71	22.42	22.05	20.66
			Input	1.06	1.17	1.24	1.31	1.34	1.39	1.44	1.50	1.57	2.51	2.68	2.66	2.63	2.74	2.83

\* Estimated performance only. Specific performance may vary based on the installation and ambient environment.

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Capacity (1000 Btu/hour)

SC --- Sensible Capacity (1000 Btu/hour)

Input --- Total Power (kW)

Specifications are subject to change without notice.  
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