

M25 Ducted Single Zone -25°C

COOLING				Outdoor conditions (DB)																	
Model	Indoor Conditions			-13°F	-4°F	0°F	5°F	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		-25°C	-20°C	17.8°C	-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
DUA09HIDU230X5 DMA09HOS25230E8	65°F (18.3°C)	54°F (12.2°C)	TC	9.19	9.78	9.76	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	5.94	6.48	6.40	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	0.48	0.54	0.57	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	9.75	10.19	10.35	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	6.27	6.71	6.75	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	0.48	0.54	0.57	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	1.04
	75°F (23.9°C)	63°F (17.2°C)	TC	10.30	10.69	11.00	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	6.59	7.01	7.14	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	0.49	0.53	0.58	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	1.03
	80°F (26.7°C)	67°F (19.4°C)	TC	10.86	11.32	11.49	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	6.91	7.38	7.42	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	0.49	0.54	0.57	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	1.02
DUA12HIDU230X5 DMA12HOS25230E8	65°F (18.3°C)	54°F (12.2°C)	TC	9.84	10.08	10.23	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	6.13	6.76	6.71	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	0.52	0.57	0.60	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	1.27
	70°F (21.1°C)	59°F (15°C)	TC	10.35	10.51	10.67	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	6.41	7.00	6.95	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	0.51	0.57	0.59	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	1.26
	75°F (23.9°C)	63°F (17.2°C)	TC	10.81	11.17	11.28	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	6.66	7.41	7.30	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	0.51	0.57	0.60	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	11.26	11.73	11.89	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	6.89	7.74	7.66	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	0.51	0.57	0.60	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

DUA18HIDU230X5 DMA18HOS25230E8	65°F (18.3°C)	54°F (12.2°C)	TC	14.90	15.44	15.50	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	9.26	9.91	10.29	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	0.54	0.59	0.62	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	15.53	16.37	16.37	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	9.60	10.44	10.81	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	0.54	0.60	0.62	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	16.33	17.27	17.40	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	10.04	10.95	11.43	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	0.53	0.60	0.62	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	17.36	18.08	18.37	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	10.61	11.41	11.99	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	0.54	0.60	0.63	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
DUA24HIDU230X5 DMA24HOS25230E8	65°F (18.3°C)	54°F (12.2°C)	TC	21.55	22.48	23.43	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	13.96	14.81	15.95	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	0.85	0.94	1.03	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	22.50	23.63	24.62	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	14.49	15.49	16.66	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	0.84	0.95	1.02	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	23.81	24.82	25.69	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	15.24	16.17	17.30	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	0.85	0.94	1.02	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	25.33	26.38	26.79	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	16.13	17.09	17.95	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	0.86	0.96	1.01	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

LEGEND: DB — Dry Bulb WB — Wet Bulb TC — Total Net Capacity (1,000 BTU/h) SC — Sensible Capacity (1,000 BTU/h) Input — Total Power (kW) COP — W/W

M25 Ducted Single Zone -25°C

HEATING			Outdoor conditions (DB)													
Model	Indoor Conditions DB		-13°F	-4°F	0°F	5°F	10°F	17°F	20°F	25°F	32°F	35°F	40°F	47°F	50°F	57°F
			-25°C	-20°C	-17.8°C	-15°C	-12.2°C	-8.3°C	-6.7°C	-3.9°C	0°C	1.7°C	4.4°C	8.3°C	10°C	13.9°C
DUA09HIDU230X5 DMA09HOS25230E8	60°F (15.6°C)	TC	7.45	8.28	8.72	9.06	10.05	11.18	11.48	11.93	12.35	12.87	12.95	13.27	13.51	13.96
		Input	1.09	1.04	1.02	0.99	1.08	1.19	1.17	1.18	1.17	1.18	1.12	1.09	1.06	1.03
	65°F (18.3°C)	TC	7.22	8.07	8.43	8.78	9.75	10.81	11.20	11.64	12.00	12.43	12.59	12.93	13.18	13.50
		Input	1.12	1.07	1.05	1.02	1.11	1.21	1.21	1.21	1.20	1.21	1.15	1.11	1.09	1.06
	70°F (21.1°C)	TC	7.04	7.82	8.19	8.50	9.43	10.50	10.86	11.26	11.63	12.03	12.28	12.53	12.85	13.16
		Input	1.15	1.10	1.07	1.05	1.14	1.25	1.24	1.24	1.24	1.24	1.18	1.14	1.11	1.08
	75°F (23.9°C)	TC	6.73	7.55	7.90	8.19	9.01	10.08	10.44	10.79	11.22	11.53	11.78	12.08	12.33	12.63
		Input	1.18	1.14	1.10	1.07	1.18	1.28	1.28	1.28	1.28	1.27	1.21	1.17	1.15	1.12
DUA12HIDU230X5 DMA12HOS25230E8	60°F (15.6°C)	TC	7.67	8.48	8.84	9.26	10.58	11.67	12.29	12.71	13.29	13.80	14.94	16.03	16.26	16.80
		Input	1.20	1.15	1.12	1.09	1.15	1.19	1.18	1.20	1.20	1.20	1.22	1.23	1.19	1.17
	65°F (18.3°C)	TC	7.46	8.24	8.61	8.98	10.24	11.37	11.91	12.37	12.85	13.44	14.52	15.55	15.80	16.30
		Input	1.23	1.18	1.14	1.12	1.18	1.21	1.21	1.23	1.23	1.24	1.26	1.27	1.23	1.20
	70°F (21.1°C)	TC	7.21	8.01	8.36	8.71	9.93	11.08	11.58	12.05	12.50	12.99	14.11	15.07	15.42	15.82
		Input	1.27	1.21	1.18	1.15	1.21	1.24	1.25	1.26	1.26	1.26	1.29	1.30	1.26	1.23
	75°F (23.9°C)	TC	6.94	7.70	8.00	8.34	9.56	10.58	11.16	11.55	12.00	12.40	13.49	14.42	14.72	15.19
		Input	1.31	1.24	1.21	1.19	1.25	1.28	1.29	1.29	1.29	1.30	1.32	1.34	1.31	1.27
DUA18HIDU230X5 DMA18HOS25230E8	60°F (15.6°C)	TC	10.47	11.75	12.31	12.61	15.14	17.46	18.44	19.38	20.57	21.58	22.02	22.30	22.98	23.60
		Input	1.67	1.58	1.56	1.50	1.67	1.79	1.88	1.96	2.01	2.10	1.84	1.63	1.58	1.56
	65°F (18.3°C)	TC	10.20	11.39	11.89	12.29	14.64	16.90	17.93	18.89	20.03	20.91	21.36	21.76	22.40	22.85
		Input	1.71	1.63	1.60	1.54	1.71	1.85	1.93	2.01	2.07	2.16	1.90	1.67	1.63	1.59
	70°F (21.1°C)	TC	9.91	11.01	11.52	11.97	14.27	16.44	17.40	18.41	19.37	20.38	20.74	21.16	21.73	22.22
		Input	1.75	1.67	1.64	1.59	1.76	1.89	1.97	2.06	2.13	2.21	1.95	1.71	1.66	1.63
	75°F (23.9°C)	TC	9.46	10.52	11.08	11.49	13.66	15.78	16.65	17.77	18.61	19.55	19.89	20.28	20.75	21.25
		Input	1.81	1.72	1.68	1.63	1.82	1.94	2.03	2.13	2.20	2.28	2.00	1.76	1.71	1.67
DUA24HIDU230X5 DMA24HOS25230E8	60°F (15.6°C)	TC	15.62	17.36	18.08	18.76	21.47	24.07	24.72	25.24	26.27	27.00	31.17	35.21	35.87	36.90
		Input	2.47	2.36	2.29	2.23	2.33	2.38	2.40	2.40	2.40	2.40	2.47	2.55	2.48	2.40
	65°F (18.3°C)	TC	15.17	16.86	17.48	18.20	20.83	23.25	24.02	24.55	25.41	26.14	30.21	34.19	34.75	35.65
		Input	2.53	2.43	2.34	2.30	2.39	2.45	2.46	2.46	2.45	2.46	2.55	2.61	2.53	2.48
	70°F (21.1°C)	TC	14.70	16.33	16.97	17.75	20.28	22.66	23.32	23.95	24.60	25.30	29.36	33.10	33.87	34.75
		Input	2.61	2.49	2.40	2.37	2.45	2.52	2.52	2.51	2.51	2.51	2.63	2.66	2.59	2.53
	75°F (23.9°C)	TC	14.14	15.63	16.28	17.02	19.39	21.78	22.48	23.06	23.49	24.32	28.18	31.84	32.49	33.53
		Input	2.70	2.56	2.48	2.44	2.51	2.59	2.59	2.58	2.60	2.59	2.70	2.75	2.66	2.60

LEGEND: DB — Dry Bulb TC — Total Net Capacity (1,000 BTU/h) Input — Total Power (kW) COP — W/W