

4th Gen. DIY E Star Performance Specifications																			
COOLING PERFORMANCE DATA		LEGEND: TC --- Total Net Capacity (1000 Btu/hour) SC --- Sensible Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement																	
		Cooling		Outdoor Conditions (DB)															
Model	Operational Testing*			Low Ambient Cooling						Standard									
			Indoor Conditions (DB)		-13F (-25C)	5F (-15C)	15F (-9.4C)	25F (-3.9C)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	80F (26.7C)	85F (29.4C)	95F (35C)	105F (40.6C)	109.4F (43C)	115F (46.1C)
DIY-12-HP-WMAH-115C25 DIY-12-HP-C-115C25	65F (18.3C)	TC	9.79	10.69	10.59	10.90	10.82	11.55	11.54	11.40	11.67	11.48	11.13	10.61	10.18	9.98	9.41	8.80	
		SC	6.43	7.19	7.46	7.98	7.83	8.74	8.77	8.73	9.02	8.95	8.59	8.81	8.44	9.11	8.62	8.74	
	70F (21.1C)	TC	10.39	11.27	11.25	11.55	11.50	12.26	12.03	11.96	12.28	11.96	11.71	11.26	10.79	10.43	9.82	9.34	
		SC	6.78	7.54	7.90	8.41	8.28	9.22	9.09	9.10	9.43	9.27	8.98	9.30	8.90	9.47	8.94	9.24	
	75F (23.9C)	TC	10.91	11.87	11.74	12.14	12.21	12.87	12.68	12.64	12.85	12.61	12.28	11.78	11.48	10.95	10.23	9.77	
		SC	7.09	7.90	8.20	8.79	8.74	9.63	9.53	9.56	9.83	9.72	9.39	9.68	9.42	9.90	9.27	9.62	
	80F (26.7C)	TC	11.38	12.48	12.47	12.71	12.93	13.41	13.40	13.40	13.40	13.40	13.40	12.98	12.53	12.08	11.53	10.89	10.17
		SC	7.35	8.26	8.65	9.15	9.21	9.97	10.03	10.08	10.19	10.27	9.87	10.24	9.86	10.37	9.81	9.97	
DIY-18-HP-WMAH-230C25 DIY-18-HP-C-230C25	65F (18.3C)	TC	15.58	17.10	17.44	17.24	17.15	17.42	17.77	17.82	18.20	18.33	17.45	15.65	15.21	14.60	14.20	13.15	
		SC	9.70	11.79	12.58	12.49	12.50	12.75	13.43	13.74	13.94	14.46	13.98	12.73	12.98	13.23	13.52	13.07	
	70F (21.1C)	TC	16.55	17.90	18.43	18.13	17.96	18.44	18.64	18.72	19.20	19.15	18.23	16.60	15.98	15.38	15.01	13.83	
		SC	10.24	12.29	13.23	13.07	13.01	13.41	14.03	14.36	14.63	15.02	14.54	13.42	13.55	13.86	14.22	13.69	
	75F (23.9C)	TC	17.30	18.89	19.30	19.10	19.10	19.23	19.77	19.75	20.36	20.33	19.01	17.62	16.85	16.16	15.72	14.52	
		SC	10.64	12.90	13.76	13.69	13.76	13.90	14.78	15.05	15.44	15.87	15.06	14.18	14.21	14.47	14.81	14.32	
	80F (26.7C)	TC	18.36	20.09	20.21	20.21	20.22	20.32	20.64	20.94	21.25	21.58	20.22	18.66	17.91	17.17	16.46	15.29	
		SC	11.24	13.64	14.33	14.39	14.47	14.61	15.35	15.89	16.03	16.75	15.94	14.95	15.01	15.28	15.41	15.00	
DIY-24-HP-WMAH-230C25 DIY-24-HP-C-230C25	65F (18.3C)	TC	19.72	21.21	20.97	22.75	23.10	23.85	24.22	24.10	24.49	24.66	23.47	23.02	21.87	21.48	20.61	19.15	
		SC	12.23	14.93	15.10	16.45	17.30	17.34	18.55	18.35	19.17	18.97	19.02	18.95	18.36	19.30	18.83	19.04	
	70F (21.1C)	TC	20.85	22.30	22.21	23.69	24.11	24.87	25.36	25.53	25.65	25.69	24.97	24.11	23.00	22.51	21.61	20.15	
		SC	12.85	15.60	15.89	17.02	17.94	17.97	19.32	19.32	19.96	19.66	20.13	19.73	19.21	20.14	19.64	19.96	
	75F (23.9C)	TC	22.06	23.33	23.56	24.68	25.35	26.35	26.89	26.65	27.17	27.04	26.07	25.27	24.44	23.75	22.65	21.17	
		SC	13.52	16.22	16.76	17.63	18.77	18.95	20.37	20.04	21.04	20.57	20.90	20.57	20.29	21.14	20.50	20.87	
	80F (26.7C)	TC	23.10	24.45	25.03	25.84	26.55	27.91	28.04	28.17	28.30	28.43	27.44	26.63	25.72	24.76	23.84	22.47	
		SC	14.09	16.90	17.72	18.37	19.56	19.95	21.12	21.07	21.79	21.49	21.87	21.54	21.22	21.92	21.46	22.05	
DIY-36-HP-WMAH-230C25 DIY-36-HP-C-230C25	65F (18.3C)	TC	27.59	30.91	31.87	32.52	33.16	32.99	33.30	33.95	33.30	33.83	31.69	31.16	29.93	28.88	26.97	25.13	
		SC	18.01	21.23	23.04	23.09	24.70	23.82	25.87	26.24	25.59	26.35	25.38	25.50	24.91	25.84	25.26	25.02	
	70F (21.1C)	TC	29.29	32.46	33.55	34.41	34.68	34.51	34.73	35.58	35.32	35.31	33.43	32.53	31.71	30.37	28.69	26.31	
		SC	19.01	22.17	24.12	24.31	25.67	24.76	26.85	27.35	26.97	27.36	26.65	26.50	26.24	27.02	26.72	26.08	
	75F (23.9C)	TC	30.51	34.24	35.20	36.00	36.36	36.33	36.59	37.18	37.49	37.33	35.30	34.49	33.20	31.80	30.45	27.69	
		SC	19.68	23.26	25.18	25.31	26.75	25.91	28.16	28.40	28.48	28.74	27.98	27.97	27.32	28.15	28.19	27.36	
	80F (26.7C)	TC	32.19	36.43	37.41	37.77	38.11	38.60	38.76	38.93	39.09	39.25	37.55	36.04	34.66	33.16	31.72	29.40	
		SC	20.63	24.59	26.60	26.40	27.90	27.41	29.65	29.55	29.52	30.03	29.59	29.09	28.35	29.21	29.22	28.90	

***Disclaimer: The unit was tested down to this temperature to show that it will continue to operate, however, it is well below the effective operational range. For more information on the recommended operational range please refer to the Owner's/Install manual.**

4th Gen. DIY E Star Performance Specifications																	
HEATING PERFORMANCE DATA		LEGEND: TC --- Total Net Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement															
		Heating		Outdoor Conditions (DB)													
Model		Indoor Conditions (DB)		-13F (-25C)	-4F (-20C)	0F (-17.8C)	5F (-15C)	10F (-12.2C)	17F (-8.3C)	20F (-6.7C)	25F (-3.9C)	32F (0C)	35F (1.7C)	40F (4.4C)	47F (8.3C)	50F (10C)	57F (13.9C)
DIY-12-HP-WMAH-115C25 DIY-12-HP-C-115C25		60F (15.6C)	TC	3.94	5.35	5.96	6.62	7.55	8.69	9.22	9.67	10.06	10.57	12.20	13.36	13.95	14.58
			Input	0.75	0.94	0.90	0.87	0.91	0.95	0.96	0.97	0.97	0.98	1.09	1.17	1.21	1.26
		65F (18.3C)	TC	3.84	5.20	5.81	6.39	7.29	8.45	8.96	9.39	9.72	10.26	11.81	13.01	13.60	14.16
			Input	0.77	0.97	0.93	0.89	0.93	0.98	0.99	0.99	1.00	1.01	1.12	1.20	1.24	1.29
		70F (21.1C)	TC	3.75	5.04	5.66	6.18	7.11	8.22	8.66	9.07	9.48	9.93	11.41	12.62	13.19	13.76
			Input	0.80	0.99	0.95	0.92	0.95	1.00	1.01	1.02	1.02	1.03	1.14	1.23	1.28	1.33
		75F (23.9C)	TC	3.61	4.83	5.41	5.95	6.80	7.90	8.32	8.75	9.12	9.51	10.91	12.18	12.65	13.14
			Input	0.82	1.02	0.98	0.95	0.98	1.03	1.04	1.04	1.05	1.06	1.18	1.26	1.32	1.36
DIY-18-HP-WMAH-230C25 DIY-18-HP-C-230C25		60F (15.6C)	TC	6.75	8.80	10.74	12.52	13.95	15.26	15.74	16.34	17.07	17.54	20.27	23.05	23.60	24.34
			Input	1.23	1.36	1.45	1.45	1.57	1.68	1.66	1.65	1.63	1.61	1.71	1.77	1.80	1.80
		65F (18.3C)	TC	6.53	8.55	10.47	12.13	13.54	14.80	15.34	15.94	16.61	17.11	19.72	22.27	22.91	23.67
			Input	1.27	1.39	1.48	1.49	1.61	1.72	1.70	1.69	1.67	1.66	1.76	1.82	1.84	1.86
		70F (21.1C)	TC	6.32	8.30	10.20	11.79	13.11	14.43	14.97	15.55	16.14	16.67	19.13	21.64	22.33	22.94
			Input	1.30	1.43	1.52	1.52	1.65	1.77	1.75	1.74	1.73	1.71	1.80	1.87	1.89	1.90
		75F (23.9C)	TC	6.05	8.01	9.82	11.29	12.57	13.84	14.31	14.99	15.57	15.98	18.29	20.82	21.44	22.05
			Input	1.34	1.48	1.57	1.56	1.70	1.81	1.80	1.78	1.77	1.77	1.85	1.92	1.95	1.95
DIY-24-HP-WMAH-230C25 DIY-24-HP-C-230C25		60F (15.6C)	TC	10.97	11.90	13.42	15.01	17.57	19.65	20.69	21.55	22.67	23.37	28.01	32.41	33.43	34.49
			Input	2.25	2.02	2.13	2.30	2.41	2.46	2.48	2.52	2.54	2.57	2.87	3.05	2.95	2.85
		65F (18.3C)	TC	10.69	11.58	12.98	14.60	17.11	18.98	20.07	20.98	22.03	22.80	27.09	31.35	32.30	33.39
			Input	2.29	2.08	2.19	2.35	2.48	2.54	2.55	2.58	2.62	2.63	2.94	3.13	3.01	2.92
		70F (21.1C)	TC	10.33	11.23	12.56	14.13	16.55	18.52	19.43	20.35	21.28	22.18	26.35	30.44	31.30	32.26
			Input	2.36	2.14	2.25	2.41	2.55	2.61	2.63	2.66	2.68	2.69	3.00	3.23	3.08	2.99
		75F (23.9C)	TC	9.88	10.82	12.11	13.50	15.93	17.72	18.73	19.47	20.52	21.20	25.35	29.37	30.21	30.94
			Input	2.43	2.21	2.32	2.48	2.64	2.68	2.70	2.73	2.76	2.77	3.09	3.31	3.19	3.06
DIY-36-HP-WMAH-230C25 DIY-36-HP-C-230C25		60F (15.6C)	TC	16.24	16.38	18.55	21.28	20.64	20.26	21.89	23.29	24.88	26.25	33.12	39.20	40.24	41.71
			Input	2.94	2.98	3.04	3.12	3.09	3.04	3.04	3.05	3.04	3.05	3.61	4.04	4.01	4.01
		65F (18.3C)	TC	15.69	15.88	18.08	20.72	20.14	19.69	21.17	22.55	24.13	25.49	32.03	38.09	39.26	40.38
			Input	3.01	3.06	3.12	3.20	3.16	3.13	3.12	3.13	3.13	3.14	3.70	4.15	4.13	4.10
		70F (21.1C)	TC	15.22	15.50	17.61	20.08	19.63	19.21	20.53	21.95	23.36	24.67	31.22	37.02	38.23	39.24
			Input	3.09	3.15	3.21	3.28	3.24	3.21	3.20	3.21	3.22	3.21	3.80	4.26	4.24	4.21
		75F (23.9C)	TC	14.54	14.94	16.97	19.30	18.84	18.38	19.69	21.01	22.47	23.56	30.06	35.61	36.55	37.79
			Input	3.19	3.25	3.30	3.38	3.36	3.33	3.28	3.32	3.33	3.32	3.91	4.38	4.36	4.35