

**Olympus Multi-Zone 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

Number of Zones	Model	Cooling		Outdoor Conditions (DB)													
		Indoor Conditions (DB)	Operational Testing	Low Ambient Cooling					Standard								
			-22F (-30C)	5F (-15C)	15F (-9.4C)	25F (-3.9C)	35F (1.7C)	45F (7.2C)	55F (12.8C)	65F (18.3C)	75F (23.9C)	85F (29.4C)	95F (35C)	105F (40.6C)	115F (46.1C)	122F (50C)	
Two Zone	O-09-HP-WMAH-230A MULTI2-18HP230V1	65F (18.3C)	TC	15.89	17.72	17.36	17.92	18.48	19.03	19.37	19.70	20.04	18.34	16.49	11.04	10.65	9.10
			SC	12.39	13.83	13.54	13.98	14.41	14.85	15.11	15.38	15.64	14.67	14.01	11.04	10.65	9.10
		70F (21.1C)	TC	17.27	19.26	18.87	19.48	20.08	20.69	21.05	21.42	21.78	19.94	17.92	12.00	11.58	9.89
			SC	13.47	15.03	14.72	15.19	15.67	16.14	16.43	16.71	17.00	15.95	15.23	12.00	11.58	9.89
		75F (23.9C)	TC	18.65	20.81	20.38	21.04	21.69	22.35	22.74	23.13	23.52	21.54	19.35	12.96	12.51	10.13
			SC	13.05	15.40	15.28	15.85	16.41	16.98	17.44	17.89	18.35	17.01	15.87	11.53	11.88	9.93
80F (26.7C)	TC	19.53	22.53	22.85	23.28	23.72	24.15	24.47	24.79	25.11	23.85	21.54	14.82	14.22	10.40		
	SC	14.65	18.05	17.14	17.46	17.79	18.11	18.18	18.26	18.33	17.89	16.16	14.52	14.08	10.40		
Three Zone	O-09-HP-WMAH-230A MULTI3-27HP230V1	65F (18.3C)	TC	26.21	29.99	29.58	29.76	29.95	30.13	30.03	29.94	29.84	24.78	22.50	18.38	16.16	14.21
			SC	18.35	20.99	20.71	20.84	20.97	21.10	21.87	22.65	23.43	20.99	19.96	17.87	15.83	14.21
		70F (21.1C)	TC	28.49	32.60	32.15	32.35	32.55	32.75	32.65	32.54	32.44	26.94	24.46	19.98	17.56	15.45
			SC	19.95	22.82	22.51	22.65	22.79	22.93	23.78	24.62	25.47	22.82	21.70	19.42	17.21	15.45
		75F (23.9C)	TC	30.78	35.21	34.72	34.94	35.15	35.37	35.26	35.15	35.04	29.10	26.42	21.58	18.96	16.69
			SC	21.54	24.65	24.31	24.46	24.61	24.76	25.27	25.77	26.28	23.86	22.72	19.42	18.02	16.52
80F (26.7C)	TC	32.31	37.08	37.51	37.57	37.62	37.68	37.63	37.58	37.53	35.39	32.75	24.71	23.96	20.15		
	SC	22.62	25.96	26.26	26.30	26.34	26.38	26.57	26.76	26.95	26.08	25.06	22.09	23.84	20.05		
Four Zone	O-09-HP-WMAH-230A MULTI4-36HP230V1	65F (18.3C)	TC	30.50	35.46	35.13	35.93	36.74	37.55	37.23	36.92	36.61	34.94	33.27	25.95	24.44	21.58
			SC	22.47	25.47	25.24	26.21	27.19	28.16	28.46	28.75	29.04	28.27	27.47	24.29	24.09	21.27
		70F (21.1C)	TC	33.15	38.54	38.18	39.06	39.93	40.81	40.47	40.13	39.79	37.98	36.16	28.21	26.56	23.46
			SC	24.42	27.68	27.43	28.49	29.55	30.61	30.93	31.25	31.57	30.73	29.86	26.40	26.18	23.12
		75F (23.9C)	TC	34.19	39.73	40.36	40.92	41.47	42.03	41.81	41.60	41.38	41.02	39.05	30.47	28.68	25.34
			SC	25.16	28.51	28.25	29.34	30.44	31.53	32.33	33.13	33.93	36.10	35.15	28.03	27.25	24.83
80F (26.7C)	TC	34.92	40.98	41.10	41.60	42.11	42.61	42.54	42.48	42.41	40.63	38.82	32.17	30.47	27.53		
	SC	25.66	29.83	29.47	30.30	31.13	31.96	32.07	32.19	32.30	31.45	30.57	28.30	30.18	27.25		
Five Zone	O-09-HP-WMAH-230A MULTI5-48HP230V1	65F (18.3C)	TC	33.80	38.52	37.94	38.16	38.39	38.61	38.46	38.31	38.15	36.17	33.36	30.33	27.47	24.42
			SC	23.67	26.97	26.56	27.10	27.65	28.19	30.21	32.24	34.26	33.91	32.69	30.33	27.47	24.42
		70F (21.1C)	TC	36.74	41.87	41.24	41.48	41.73	41.97	41.80	41.64	41.47	39.32	36.26	32.97	29.86	26.54
			SC	25.72	29.31	28.87	29.46	30.05	30.64	32.84	35.04	37.24	36.86	35.53	32.97	29.86	26.54
		75F (23.9C)	TC	39.68	45.22	44.54	44.80	45.07	45.33	45.15	44.97	44.79	42.47	39.16	35.61	32.25	28.66
			SC	28.97	33.01	32.51	33.31	34.10	34.90	35.66	36.41	37.17	36.10	34.07	32.05	32.25	28.66
80F (26.7C)	TC	47.08	54.58	55.15	55.67	56.20	56.72	57.90	59.08	60.26	56.82	53.16	40.95	38.57	35.24		
	SC	35.97	42.12	42.11	42.25	42.40	42.54	43.71	44.87	46.04	44.49	42.79	37.95	38.57	35.24		

### Olympus Multi-Zone Performance Specifications

**HEATING PERFORMANCE DATA**

**LEGEND: TC --- Total Net Capacity (1000 Btu/hour) Input --- Total Power (kW) DB --- Dry Bulb Temperature Measurement**

Number of Zones	Model	Heating		*Operational Testing	Outdoor Conditions (DB)													
		Indoor Conditions (DB)		-22F (-30C)	-13F (-25C)	-5F (-20.6C)	0F (-17.8C)	5F (-15C)	17F (-8.3C)	19.4F (-7C)	24.8F (-4C)	32F (0C)	35F (1.7C)	39.2F (4C)	44.6F (7C)	47F (8.3C)	53.6F (12C)	57F (13.9C)
Two Zone	O-09-HP-WMAH-230A MULTI2-18HP230V1	60F (15.6C)	TC	8.11	9.54	11.60	12.54	13.98	19.21	19.46	20.59	20.74	21.67	23.23	24.79	25.82	26.94	27.35
			Input	1.64	1.71	1.76	1.80	1.83	1.93	1.95	2.01	1.60	1.66	1.69	1.72	1.79	1.84	1.87
		65F (18.3C)	TC	7.99	9.40	11.43	12.35	13.77	18.92	19.17	20.28	20.43	21.34	22.88	24.41	25.43	26.54	26.94
			Input	1.67	1.74	1.79	1.83	1.86	1.96	1.98	2.04	1.63	1.69	1.72	1.75	1.82	1.87	1.90
		70F (21.1C)	TC	5.56	6.54	7.69	8.14	9.66	13.02	15.94	17.13	18.93	19.66	21.33	23.00	23.96	26.27	26.67
			Input	1.38	1.44	1.46	1.47	1.52	1.63	1.68	1.76	1.80	1.88	1.88	1.87	1.95	1.94	1.97
75F (23.9C)	TC	5.47	6.44	7.57	8.02	9.52	12.79	15.70	16.87	18.65	19.37	21.01	22.66	23.60	25.88	26.27		
	Input	1.41	1.47	1.49	1.50	1.55	1.66	1.71	1.79	1.83	1.91	1.91	1.90	1.98	1.97	2.00		
Three Zone	O-09-HP-WMAH-230A MULTI3-27HP230V1	60F (15.6C)	TC	12.71	14.95	17.25	18.73	20.15	20.66	21.04	24.31	26.43	27.22	32.07	36.92	38.03	40.27	40.88
			Input	2.49	2.59	2.63	2.65	2.67	2.36	2.39	2.42	2.45	2.46	2.71	2.96	2.99	2.67	2.71
		65F (18.3C)	TC	12.52	14.73	16.99	18.45	19.85	20.35	20.72	23.98	25.12	26.89	31.63	36.37	37.46	39.67	40.27
			Input	2.52	2.62	2.66	2.68	2.70	2.39	2.42	2.50	2.58	2.59	2.79	2.99	3.02	2.70	2.74
		70F (21.1C)	TC	9.30	10.94	12.26	14.52	16.82	20.94	21.08	22.09	24.13	25.11	30.67	36.22	37.23	40.10	40.71
			Input	2.20	2.29	2.31	2.46	2.53	2.70	2.71	2.58	2.69	2.73	2.89	3.04	3.06	3.12	3.17
75F (23.9C)	TC	9.16	10.78	12.08	14.30	16.57	20.63	20.76	21.77	22.83	24.78	30.23	35.68	36.75	39.50	40.10		
	Input	2.23	2.32	2.34	2.49	2.56	2.73	2.74	2.71	2.72	2.76	2.92	3.07	3.12	3.15	3.20		
Four Zone	O-09-HP-WMAH-230A MULTI4-36HP230V1	60F (15.6C)	TC	17.46	20.54	22.52	24.84	26.33	30.77	31.06	32.46	34.15	36.09	37.28	38.47	39.24	41.26	41.89
			Input	3.23	3.36	3.40	3.42	3.43	3.51	3.53	3.59	3.08	3.12	3.20	3.27	3.30	3.32	3.37
		65F (18.3C)	TC	17.20	20.23	22.18	24.47	25.94	30.31	30.59	31.97	33.64	35.55	36.72	37.89	38.65	40.64	41.26
			Input	3.25	3.39	3.43	3.45	3.46	3.54	3.56	3.62	3.11	3.15	3.23	3.30	3.33	3.35	3.40
		70F (21.1C)	TC	13.30	15.65	17.05	19.02	21.31	26.67	27.13	31.86	33.96	36.08	36.65	37.21	37.95	39.67	40.27
			Input	2.96	3.08	3.14	3.16	3.18	3.45	3.50	3.64	3.14	3.18	3.20	3.21	3.24	3.25	3.30
75F (23.9C)	TC	13.11	15.42	16.79	18.73	20.99	26.27	26.72	31.38	33.45	35.54	36.10	36.65	37.38	39.07	39.67		
	Input	2.99	3.11	3.17	3.19	3.21	3.48	3.53	3.67	3.17	3.21	3.23	3.24	3.27	3.28	3.33		
Five Zone	O-09-HP-WMAH-230A MULTI5-48HP230V1	60F (15.6C)	TC	20.35	23.94	25.31	27.13	29.48	33.67	34.15	36.61	40.56	44.08	50.41	56.74	57.87	66.65	67.67
			Input	3.98	4.15	4.26	4.26	4.28	4.30	4.32	4.48	4.06	4.28	4.32	4.36	4.40	4.34	4.41
		65F (18.3C)	TC	20.04	23.58	24.93	26.72	29.04	33.16	33.64	36.06	39.95	43.42	49.66	55.89	57.01	65.65	66.65
			Input	4.04	4.21	4.32	4.32	4.34	4.36	4.38	4.54	4.12	4.34	4.38	4.42	4.46	4.40	4.47
		70F (21.1C)	TC	13.29	15.64	17.45	24.88	24.12	30.07	30.42	35.94	38.56	42.09	48.96	55.83	56.95	64.75	65.74
			Input	3.42	3.56	3.66	4.70	3.94	4.16	4.19	4.58	4.43	4.63	4.67	4.71	4.76	4.96	5.04
75F (23.9C)	TC	13.03	15.33	17.10	24.38	25.60	29.47	29.81	35.22	37.79	41.25	47.98	54.71	55.80	63.46	64.43		
	Input	3.47	3.61	3.65	4.75	4.09	4.21	4.24	4.63	4.48	4.68	4.72	4.76	4.81	5.01	5.09		

\*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.

