

C&H Multi Zone Sophia Hyper Outdoor

Multizone All Ducted

AHRI Cert #: **205047866**

Outdoor Unit #: **CH-HYP36MSPH-230VO**

Indoor Unit #:

Maximum Heating Capacity (Btu/hr) @5°F: **35,341**

Rated Heating Capacity (Btu/hr) @47°F: **37,000**

Rated Cooling Capacity (Btu/hr) @95°F: **36,000**

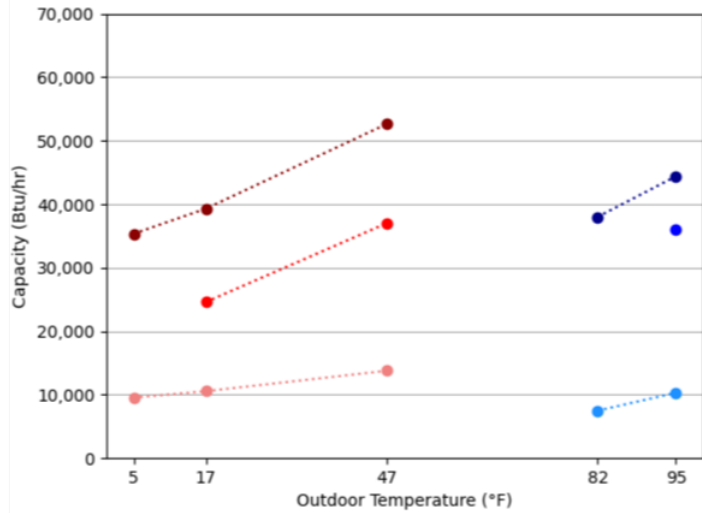
Information Tables

Brand	C&H
Series	Multi Zone Sophia Hyper Outdoor
Ducting Configuration	Multizone All Ducted
AHRI Certificate No.	205047866
Outdoor Unit #	CH-HYP36MSPH-230VO
Indoor Unit Type	Ducted Indoor Units
Indoor Unit #	
Furnace Unit #	
SEER	19
EER	11.3
HSPF Region IV	11
Energy Star	
Variable Capacity	
Turndown Ratio (Max 5°F/Min 47°F)	2.57
Capacity Maintenance (Max 5°F/Max 47°F)	67%
Capacity Maintenance (Rated 17°F/Rated 47°F)	66%
Capacity Maintenance (Max 5°F/Rated 47°F)	95%
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant(s)	
Sold In	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Heating	5°F	70°F	Btu/h	9,536	-	35,341
			kW	1.7	-	5.61
			COP	1.64	-	1.85
Heating	17°F	70°F	Btu/h	10,556	24,600	39,296
			kW	1.52	2.67	5.27
			COP	2.04	2.7	2.19
Heating	47°F	70°F	Btu/h	13,769	37,000	52,626
			kW	0.87	2.9	5.45
			COP	4.64	3.74	2.83
Cooling	82°F	80°F	Btu/h	7,482	-	37,992
			kW	0.39	-	2.5
			COP	5.62	-	4.45
Cooling	95°F	80°F	Btu/h	10,304	36,000	44,387
			kW	1	3.19	4.27
			COP	3.02	3.31	3.05

Heating/Cooling Capacity Graph



Pan Heater

Type	Integrated
Input Power	150.0
Model #	

Operation 1. When the unit power is on/in heating mode, and if the outdoor temperature drops below 30°C for 30 seconds, after running for 25 minutes, the base pan heater will be activated for 5 minutes. 2. In defrost mode and the outdoor temperature lower 10°C for 10 seconds the base pan heater will be activated and will be 5 minutes delay inactive after defrost.