



ACD UHD-38

Singlezone Non-ducted Wall Placement

AHRI Cert #: **202110484**

Outdoor Unit #: **UHD12KCH31S-O**

Indoor Unit #: **UHD12KCH31S-I**

🔥 Maximum Heating Capacity (Btu/hr) @5°F: **8,000**

🔥 Rated Heating Capacity (Btu/hr) @47°F: **12,200**

❄️ Rated Cooling Capacity (Btu/hr) @95°F: **12,000**

Information Tables

Brand	ACD
Series	UHD-38
Ducting Configuration	Singlezone Non-ducted Wall Placement
AHRI Certificate No.	202110484
Outdoor Unit #	UHD12KCH31S-O
Indoor Unit Type	Mini-Splits
Indoor Unit #	UHD12KCH31S-I
Furnace Unit #	
SEER	30.5
EER	15.3
HSPF Region IV	14
Energy Star	✓
Variable Capacity	✓
Turndown Ratio (Max 5°F/Min 47°F)	2.67
Capacity Maintenance (Max 5°F/Max 47°F)	42%
Capacity Maintenance (Rated 17°F/Rated 47°F)	66%
Capacity Maintenance (Max 5°F/Rated 47°F)	65%
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant(s)	

Pan Heater

Type	Integrated
Input Power	72W
Model #	
Operation	Heater on below 34 deg. F.

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Heating	5°F	70°F	Btu/h	2,600	-	8,000
			kW	0.22	-	0.86
			COP	3.46	-	2.73
Heating	17°F	70°F	Btu/h	2,800	8,100	9,000
			kW	0.23	0.74	1
			COP	3.57	3.21	2.64
Heating	47°F	70°F	Btu/h	3,000	12,200	18,700
			kW	0.25	0.94	1.6
			COP	3.52	3.8	3.43
Cooling	82°F	80°F	Btu/h	3,500	12,280	15,695
			kW	0.15	0.69	1.2
			COP	6.84	5.22	3.83
Cooling	95°F	80°F	Btu/h	2,900	12,000	15,354
			kW	0.16	0.78	1.3
			COP	5.31	4.51	3.46

Heating/Cooling Capacity Graph

