

CH Cooper & Hunter

NIA

WALL MOUNTED SINGLE-ZONE MINI SPLIT AIR CONDITIONER

UP TO 21.5 SEER2



- Smart Kit Included with Downloadable C&H app
- Remote Control Included
- Wall Thermostat (Purchased Separately)



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FEATURES

- Sleek matte finish
- Inverter Technology
- Turbo Function
- Smart Kit Ready
- Silent Function
- LED Display
- Auto Swing (horizontal louvers)
- Comfortable Sleep Mode
- Multiple Fan Speeds
- Self-Cleaning Function
- Follow Me Function
- Line Set, Communication Cable (16 ft.) and Drain Line.
- One to One, Single-Zone Only

INDOOR

Indoor Model			CH-RLS06MIA-115V1	CH-RLS09MIA-115V1	CH-RLS12MIA-115V1	CH-RLS09MIA-230V1	CH-RLS12MIA-230V1	CH-RLS18MIA-230V1	CH-RLS24MIA-230V1
Power Supply	Rated	V, Ph, Hz	115, 1, 60	115, 1, 60	115, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Voltage Range	V	103.5-126.5	103.5-126.5	103.5-126.5	187-253	187-253	187-253	187-253
Rated Capacity	Cooling	Btu/h	6,000	9,000	12,000	9,000	12,000	18,000	24,000
	Heating	Btu/h	7,000	10,000	12,000	10,000	12,000	18,800	24,000
Minimum Circuit Ampacity (MCA)			A	3	3	3	3	3	3
Max. Fuse			A	15	15	15	15	15	15
Indoor Air Flow (Turbo/Hi/Mi/Lo/Si)			CFM	282.5/235.4/206.0/ 164.8/117.7	282.5/235.4/206.0/ 164.8/117.7	341.4/309.0/206.0/ 176.6/94.2	312.0/264.9/194.2/ 153.0/105.9	359.0/306.1/206.0/ 144.2 / /	429.7/388.5/259.0/ 217.8 / /
Indoor Noise Level (Turbo/Hi/Mi/Lo/Si)			dB(A)	43.0/37.5/33.5/ 25.0/18.0	43.0/37.5/33.5/ 25.0/18.0	45.0/40.5/32.5/ 25.0/17.5	40.5/35.5/31.5/ 23.0/18.5	40.5/35.5/31.5/ 23.0/18.5	54.0/45.0/41.5/ 27.0/21.5
Indoor	Dimension (WxDxH)	inch	28.43x7.36x11.42	28.43x7.36x11.42	31.57x7.44x11.69	28.43x7.36x11.42	31.57x7.44x11.69	37.99x8.46x12.56	42.52x8.90x13.19
	Packing (WxDxH)	inch	31.10x10.63x14.76	31.10x10.63x14.76	34.45x11.22x14.96	31.10x10.63x14.76	34.45x11.22x14.96	41.14x12.01x16.14	45.47x16.34x12.60
	Net/Gross Weight	lbs.	17.42/22.93	17.42/22.93	19.40/25.13	16.98/22.27	19.40/25.13	24.47/32.63	30.64/39.46
Room Temperature	Cooling	°F	60~90	60~90	60~90	60~90	60~90	60~90	60~90
	Heating	°F	32~86	32~86	32~86	32~86	32~86	32~86	32~86
Liquid Side/Gas Side			inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"

OUTDOOR

Outdoor Model			CH-RLS06MIA-115V0	CH-RLS09MIA-115V0	CH-RLS12MIA-115V0	CH-RLS09MIA-230V0	CH-RLS12MIA-230V0	CH-RLS18MIA-230V0	CH-RLS24MIA-230V0
Power Supply	Rated	V, Ph, Hz	115, 1, 60	115, 1, 60	115, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
	Voltage Range	V	103.5-126.5	103.5-126.5	103.5-126.5	187-253	187-253	187-253	187-253
Cooling	Rated Capacity Range	Btu/h	2,200~9,900	2,200~9,900	2,200~12,300	2,300~9,700	1,700~13,300	4,100~19,000	5,500~24,200
	Rated Current	A	8.0	8.0	12.7	5.0	5.0	7.2	10.9
	EER2	Btu/h	12.5	12.5	10.1	12.6	10.8	10.8	10.0
	SEER2	Btu/h	21.5	21.5	21.2	21.2	21.3	19.2	18.7
Heating at 47°F	Rated Capacity Range	Btu/h	4,200~10,200	4,200~10,200	3,400~12,200	4,300~11,100	3,500~13,400	6,200~20,200	6,300~27,000
	Rated current	A	9.8	9.8	11.7	4.0	4.9	8.1	9.6
	COP	W/W	3.29	3.29	3.30	3.20	3.18	3.06	3.31
	HSPF4		9	9	8.7	9.1	9.1	9.6	9.3
HSPF5			7	7	6.7	7	7	7.5	7.3
Minimum Circuit Ampacity			A	18	18	19	12	13	15
Max.Fuse (Outdoor Unit)			A	20	20	20	15	15	20
Outdoor Air Flow (Max.)			CFM	1,294.1	1,294.1	1,235.3	1,294.1	1,235.3	1,235.3
Outdoor Noise Level (Sound Pressure)			dB(A)	52.5	52.5	54	53.5	54	59.5
Dimension (WxDxH)			inch	30.12x11.93x21.85	30.12x11.93x21.85	30.12x11.93x21.85	30.12x11.93x21.85	31.69x12.99x21.81	35.04x13.46x26.50
Packing (WxDxH)			inch	34.84x14.76x23.81	34.84x14.76x23.81	34.84x14.76x23.81	34.84x14.76x23.81	37.0x16.14x23.81	40.55x17.24x28.74
Net/Gross Weight			lbs.	56.66/62.17	56.66/62.17	61.29/67.02	54.23/59.74	59.08/64.37	72.31/78.48
Refrigerant Type / Charge			oz.	R454B/21.52	R454B/21.52	R454B/24.34	R454B/21.52	R454B/24.69	R454B/40.57
Refrigerant Precharge Length			ft.	25	25	25	25	25	25
Additional Charge for Each ft.			oz/ft	0.16	0.16	0.16	0.16	0.16	0.32
Design Pressure			PSIG	550/340	550/340	550/340	550/340	550/340	550/340
Refrigerant Piping Liquid Side/Gas Side			inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"
Max. Pipe Length			ft.	82	82	82	82	98.4	164
Max. Difference in Level			ft.	49.2	49.2	49.2	49.2	65.6	82
Ambient Temperature	Cooling	°F	5~122	5~122	5~122	5~122	5~122	5~122	5~122
	Heating	°F	5~75	5~75	5~75	5~75	5~75	5~75	5~75
Certifications	ETL		✓	✓	✓	✓	✓	✓	✓
	AHRI		✓	✓	✓	✓	✓	✓	✓
	Energy Star for Cold Climate		✓	✓	✓	✓	✓	✓	✓
	NEEP		✓	✓	✓	✓	✓	✓	✓

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Your actual Inverter Heat Pump system and related devices may differ from images shown in this specification sheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change specifications or designs at any time without incurring obligations.

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