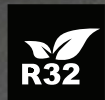


CH Cooper & Hunter

18K, 24K, 30K, 36K, 48K, 60K BTU



COMPATIBLE WITH ALL 3RD PARTY OF 24V WALL THERMOSTAT

CH Cooper & Hunter



Cooling Only

SPLIT SYSTEM TOP DISCHARGE - COOLING ONLY

Wall Mount:
18K, 24K, 30K, 36K
Standard AHU:
18K, 24K, 30K, 36K, 48K, 60K

Features

- A-shaped coil
- Fully-insulated cabinet design to achieve 2% or less air leakage rate.
- Multi-Stage blower Speed Control
- Multi-Position Air Handler, 4-position installation
- Horizontal and vertical condensate drain pans
- Electric heater kits 5, 7.5, 10, 15, 20 kW available as accessories
- Dual front panel, volute and coil with slide track
- Integrated filter rack with toolless door access
- Easy-to-braze copper evaporator connection
- Advanced internal welding process to reduce potential corrosion
- AHRI and ETL listed
- R32 refrigerant sensor ensures safe operation.

WALL MOUNTED AHU

INDOOR			CH-UC18AHUWM	CH-UC24AHUWM	CH-UC30AHUWM	CH-UC36AHUWM
Indoor Model						
Cooling Capacity	Btu/h		17000	22000	28000	33000
Refer to Room Area	SF		269	355	441	516
MCA	A		4	5	5	5
MOP	A		6	6	6	6
Indoor fan motor	Type		ECM	ECM	ECM	ECM
	Power supply	V/Ph/Hz	AC220-240V/50 60Hz	AC220-240V/50 60Hz	AC220-240V/50 60Hz	AC220-240V/50 60Hz
	rate current	A	2.6	3.8	3.8	3.8
	Output	W	249	373	373	373
	Speed	rpm	1050	1050	1050	1050
Indoor coil	Number of row		5	5	5	5
	Fin spacing	in	1/16	1/16	1/16	1/16
	Fin material		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	Tube outside diameter	in	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276
	Tube material		inner grooved	inner grooved	inner grooved	inner grooved
Number of circuit		6	8	8	8	
Indoor air flow	CFM		630	865	1065	1065
Indoor noise level	dB(A)		51	51	53	54
Throttling type			Piston	Piston	Piston	Piston
Electric heater	kW		5/7.5kW	5/7.5/10kW	5/7.5/10kW	5/7.5/10kW
Indoor dimension	Unit dimension(W*D*H)	in	20.5×15×36.5	22×19×39.5	22×19×39.5	22×19×39.5
	Packing (WxDxH)	in	23.6×17.5×39.5	24.5×22.2×42.1	24.5×22.2×42.1	24.5×22.2×42.1
	Net / Gross weight	lbs	44.5	55	55	55

OUTDOOR			CH-UC18-230V0	CH-UC24-230V0	CH-UC30-230V0	CH-UC36-230V0
Outdoor Model						
Outdoor power supply	V/Ph/Hz		230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ
Electrical Data	Min./Max.Voltage	V	187/253	187/253	187/253	187/253
	MCA	A	16	20	26	32
	MOP	A	20	25	35	40
Cooling	Capacity	Btu/h	17600	22700	29000	33000
	EER2		11.7	11.7	11.7	11.7
	SEER2		14.3	14.3	14.3	14.3
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Locked rotor Amp (LRA)(A)		47	59	71	75
Outdoor fan motor	Type		psc	psc	psc	psc
	Output	W	70	115	205	205
	Output	HP	1/10	1/7	1/6	1/6
	Full Load Amps (FLA)(A)		0.7	0.9	1.4	1.4
Outdoor Unit	Unit (WxHxD)	inch	21.8×25×21.8	21.8×25×21.8	29.14×25×29.14	29.14×25×29.14
	Packing (WxHxD)	inch	22.6×25.9×22.6	22.6×25.9×22.6	30.5×26.75×30.5	29.9×25.90×29.9
	Net / Gross weight	lbs	126/132	127/132	158/168	160/170
Refrigerant system	Liquid side	inch	Φ3/8	Φ3/8	Φ3/8	Φ3/8
	Gas side	inch	Φ3/4	Φ3/4	Φ3/4	Φ3/4
	Max. refrigerant pipe length	ft	130	130	130	130
	Max. difference in level	ft	65	65	65	65
	Refrigerant Type / Charging	ft	R32/15	R32/15	R32/15	R32/15
Operation temp range	Cooling	°F	54-120	54-120	54-120	54-120



