

ComfortStar®

Air Conditioning & Heating Products

CH32
eco
smart series™ **Wi-Fi**



17 **SEER2**



HIGH EFFICIENCY - HEAT PUMP DUCTLESS MINI-SPLIT SYSTEMS



Wi-Fi



Refrigerant
Leak Detector



Turbo Mode



Intelligent
Defrost



Quiet
Operation



ECO
Friendly

FEATURES:

- Dehumidifier
- 24H Timer
- Turbo Mode
- Auto Mode
- Smart Sleep
- ECO Friendly
- Display On/off
- Emergency Button
- Intelligent Defrost
- Anti-cold Wind
- Louver Position Memory
- High Efficiency Filter
- Error Code Display

Comfort, it's in our name.



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www.comfortstarusa.com 🌐

CH32 Series

eco

smart series™

Wi-Fi

r32+

ECO FRIENDLY REFRIGERANT



Indoor Unit			CH32-12CA(I)	CH32-12CD(I)	CH32-18CD(I)	CH32-24CD(I)
Outdoor Unit			CH32-12CA(O)	CH32-12CD(O)	CH32-18CD(O)	CH32-24CD(O)
Power Supply			1Ph / 115V/60Hz	1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz
Power Supply	Rated Cooling Capacity	Btu/h	12000(2700~13000)	12000(2700~13000)	18000(2700~19000)	24000(2700~25000)
		W	3500	3500	5100	7000
	Rated Current	A	10.7(1.3~13.9)	5.66(0.7~7.7)	8.43(0.7~11.6)	11.2(1.4~14.35)
	Rated Input	W	1230(150~1600)	1230(150~1650)	1800(150~2500)	2400(300~3000)
	EER	Btu/W.h	9.70	9.70	9.70	9.80
SEER2			Btu/W.h	17.0	17.0	17.0
Heating	Rated Cooling Capacity	Btu/h	12000(2700~13000)	12000(2700~13000)	18000(2700~19000)	24000(2700~25000)
		W	3500	3500	5100	7000
	Rated Current	A	10.3(1.3~13.9)	4.97(0.7~7.7)	8.43(0.7~11.6)	11.7(1.4~14.35)
	Rated Input	W	1180(150~1600)	1180(150~1650)	1750 (150~2500)	2350(300~3000)
	HSPF2	Btu/W.h	8.0	8.0	8.0	8.0
COP			W/W	2.96	2.92	2.97
Max. Input Consumption		W	1600	1650	2500	3000
Max Current		A	13.9	7.7	11.6	14.35
Moisture Removal		Pint/h	1.7	1.7	5.5	5.3
Indoor Air Flow (Hi/Mi/Lo)		CFM	353/294/247	353/294/247	618/559/471	736/677/589
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	42/40/38	42/40/38	49/47/45	51/48/46
Indoor Unit	Net Dimensions	In.	30.12x12.01x7.87	30.12x12.01x7.87	38.19x12.2x9.06	40.55x13.15x9.13
	Net Weight	Lbs.	19.18	19.62	26.01	31.52
	Packing Dimensions	In.	32.28x14.17x10.63	32.28x14.17x10.63	40.75x14.96x12.2	43.5x16.14x12.6
	Gross Weight	Lbs.	22.26	22.48	30.20	35.93
Outdoor Noise Level		dB(A)	52	52	55	57
Outdoor Unit	Net Dimensions	In.	27.56x11.89x20.08	27.56x11.89x20.08	31.5x11.89x21.65	33.86x14.88x23.5
	Net Weight	Lbs.	49.38	49.38	62.83	74.51
	Packing Dimensions	In.	30.12x13.58x21.65	30.12x13.58x21.65	34.25x13.98x23.43	37.2x16.93x26.38
	Gross Weight	Lbs.	53.57	53.57	67.24	78.92
Refrigerant		oz	R32/19.93	R32/19.22	R32/34.74	R32/40.92
Design Pressure		PSI	798	798	798	798
Connecting Pipe	Gas	In.	3/8"	3/8"	1/2"	1/2"
	Liquid	In.	1/4"	1/4"	1/4"	1/4"
	Max. Refrigerant Pipe Length	ft.	33	33	33	49
	Max. Difference in Level	ft.	16	16	16	33
Operation Temperature Range		°F	19~109	19~109	19~109	19~109
Ambient Temperature Range		°F	19~118	19~118	19~118	19~118
Application Area		sq.ft	108~215	108~215	215~430	323~592