

ComfortStar®

Air Conditioning & Heating Products

CH32
eco
smart series™



17 **SEER2**



HIGH EFFICIENCY - HEAT PUMP DUCTLESS MINI-SPLIT SYSTEMS



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
- 4-way Air Flow
- Emergency Button
- Intelligent Defrost
- Anti-cold Wind
- Self-troubleshooting
- Louver Position Memory
- High Efficiency Filter
- Follow Me/ I FEEL
- Error Code Display

Comfort, it's in our name.



CH32 Series



Indoor Unit			CH32-12CA(I)	CH32-12CD(I)	CH32-18CD(I)	CH32-24CD(I)	CH32-36CD(I)	
Outdoor Unit			CH32-12CA(O)	CH32-12CD(O)	CH32-18CD(O)	CH32-24CD(O)	CH32-36CD(O)	
Power Supply			115V ~ /60Hz/1P	208/230V ~ /60Hz/1P	220-240V ~ /60Hz/1P	208-230V ~ /60Hz/1P	208-230V ~ /60Hz/1P	
Cooling	Rated Cooling Capacity (95F/35C)	Btu/h	12000	12000	18000	24000	36000	
	Rated Current	A	10.38	5.1	8	10.3	15.2	
	Rated Input	W	1180	1170	1770	2350	3430	
	EER2 (95F/35C)	Btu/W.h	9.4	9.5	9	9.5	10	
	SEER2	Btu/W.h	17	17	17	17	17	
Heating	Rated Heating Capacity (47F/8.3C)	Btu/h	11500	12000	16500	22000	36000	
	Rated Current	A	8.78	4.8	6.5	8.5	13.9	
	Rated Input	W	1005	1100	1440	1900	3150	
	HSPF2 Rating (Region IV)	Btu/W.h	9.5	8.3	8.5	9.5	8.5	
	HSPF2 Rating (Region V)	Btu/W.h	8.1	7.1	7.2	8.5	7.5	
	COP2 (47F/8.3C)	W/W	3.3	3.2	3.2	3.3	3.2	
	Max. Heating Capacity (5 °F/-15 °C)	W/W	8100	8700	10000	12000	21500	
COP2 (5 °F/-15 °C)		W/W	1.9	1.8	2	2	2	
Max Current		A	2.0 ~ 14.0	8	12	13	21	
Current Range		A	2.0 ~ 13.0	2 ~ 8	1.4 ~ 12.0	1.5 ~ 12.0	2.7 ~ 18.5	
Moisture Removal		Pint/h	2.75	2.75	3.38	5.07	6.34	
Indoor Air Circulation-Turbo/Hi/Mid/Lo/Mute		CFM	277/265/241/224/206	294/265/235/206/159	412/365/294/235/209	677/630/506/412/353	883/742/565/459/412	
Indoor Noise Level at Cooling		Turbo/High/Med./Low/Mute	dB(A)	42.9/40/36.1/33/29	45/42/39/35/33	49/45/43/40/37/34/32	50/48/47/46/43/40/37	55/52/46/41/39
Indoor Unit	Net Dimensions (W x D x H)	In.	30.59x9.84x7.91	30.59x9.84x7.91	35.82x11.57x8.11	39.76x12.40x8.66	46.93x14.17x10.23	
	Net Weight	Lbs.	16.53	16.53	20.94	26.46	38.58	
	Packing Dimensions (W x D x H)	In.	33.07x12.40x10.23	33.07x12.40x10.23	38.54x14.64x10.90	43.14x15.35x11.69	49.60x16.92x12.91	
	Gross Weight (without pipe)	Lbs.	20.94	20.94	27.56	33.07	46.30	
Outdoor Noise Level		dB(A)	53	55	57	56	63	
Outdoor Unit	Net Dimensions (W x D x H)	In.	30.98x11.41x19.60	30.98x11.41x19.60	31.88x12.00x21.61	33.97x13.74x23.70	38.50x16.57x31.61	
	Net Weight (without pipe)	Lbs.	46.30	45.19	52.91	65.04	105.82	
	Packing Dimensions (W x D x H) (without pipe)	In.	32.20x12.79x20.27	32.20x12.79x20.27	33.54x14.09x23.62	35.03x15.15x24.72	40.23x18.89x31.92	
	Packing Dimensions (W x D x H) (with pipe)	In.	32.99x13.30x21.25	32.99x13.30x21.25	33.54x14.09x24.02	35.43x15.94x25.39	40.23x18.89x32.87	
	Gross Weight without Pipe	Lbs.	50.71	49.60	58.42	70.55	114.64	
	Gross Weight with 5m Pipe	Lbs.	52.91	51.81	60.63	73.85	120.15	
Connecting Pipe	Gas	In.	3/8"	3/8"	3/8"	1/2"	5/8"	
	Liquid	In.	1/4"	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring		Size x Core Number	4x16AWG	4x16AWG	4x16AWG	4x0.75mm2	4x16AWG	
Refrigerant		g	R32/500	R32/500	R32/670	R32/1040	R32/1590	
		oz	R32/17.60	R32/17.60	R32/23.60	R32/36.70	R32/56.10	
Additional Refrigerant Charge		oz/ft	0.11	0.11	0.11	0.11	0.11	
Refrigerant Piping	Liquid Side/ Gas Side	Inch	(1/4") / (3/8")	(1/4") / (3/8")	(1/4") / (3/8")	(1/4") / (1/2")	(1/4") / (5/8")	
	Max. Refrigerant Pipe Length	ft	50	50	50	65	98	
	Max. Difference in Level	ft	33	33	33	49	65	
Control Type			Remote	Remote	Remote	Remote	Remote	
Suitable Area		sq.ft	Up to 550	Up to 550	Up to 1000	Up to 1500	Up to 2500	
Ambient Temperature	Indoor (Cooling/ Heating)	°F	> -62/ < -86	> -62/ < -86	> -62/ < -86	> -62/ < -86	> -62/ < -86	
	Outdoor (Cooling/ Heating)	°F	53.6 ~ 122/5 ~ 86	53.6 ~ 122/5 ~ 86	53.6 ~ 122/5 ~ 86	53.6 ~ 122/5 ~ 86	53.6 ~ 122/5 ~ 86	

ComfortStar®

INVERTER

