

ComfortStar®

**Side Discharge Condenser
General Replacement
Condensing Unit**



ALEGRIA
GOLD SERIES

ALEGRIA
PLATINUM SERIES

ALEGRIA
HI-HEAT SERIES



INVERTER

24V INVERTER Kit

Part no: UIK-24

Features:

- Connects any ComfortStar condensing unit (Gold or Platinum Series HP only) with any air handler, gas furnace or fan coil
- You can use any brand of 24volt thermostat including Wi-Fi
- Easy to install
- No additional tools required
- Allows you to have in stock a general replacement side discharge unit from 9,000Btu to 60,000Btu

Benefits:

- Full Line of Side Discharge General Replacement INVERTER Condensing Unit.
- **Low noise from 56dB(A) to 65dB(A)**
- 50% less footprint space than a Conventional Condensing Unit
- Smaller Mounting Pad
- Keeps the temperature differential as low as 1/2 °F
- Saves Energy
- Increases Comfort

Comfort... It's in our name

How it works!



CPP UNIT



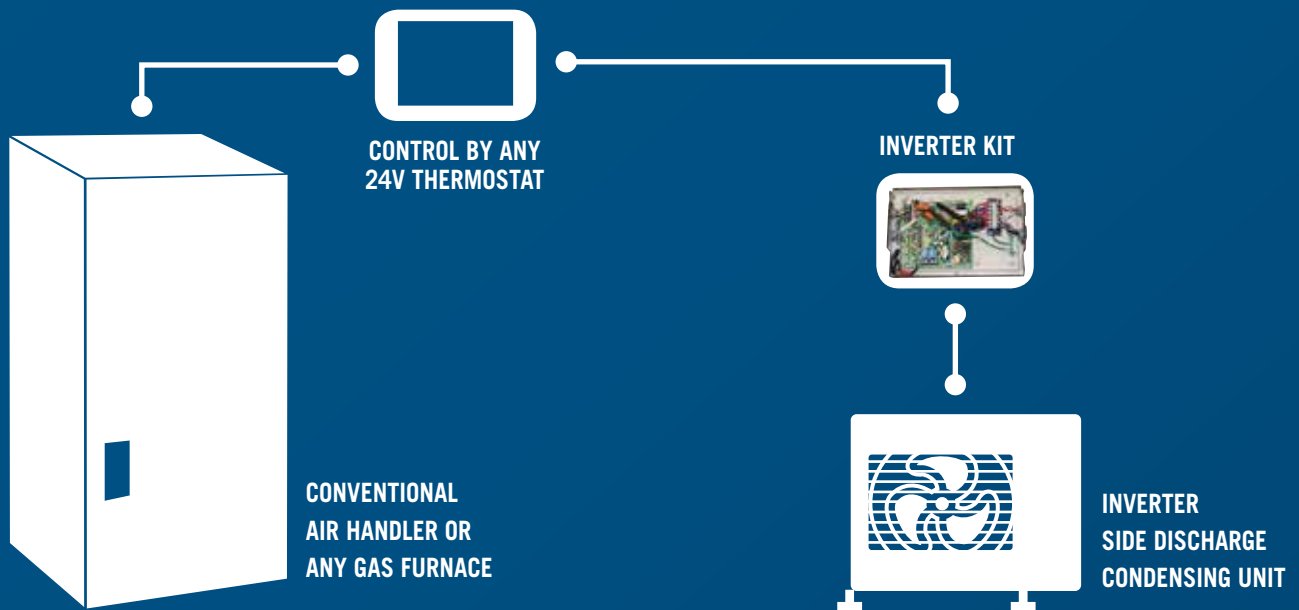
INVERTER KIT



A SIDE DISCHARGE
GENERAL REPLACEMENT
CONDENSING UNIT

GOLD Series Outdoor Model No.			PLATINUM Series Outdoor Model No.		
CPG009CA(O)-B	CPG012CD(O)-B	CPG030CD(O)	CPP009CA(O)-B	CPP012CD(O)-B	CPP036CD(O)-DU
CPG012CA(O)-B	CPG018CD(O)-B	CPG036CD(O)	CPP012CA(O)-B	CPP018CD(O)-B	CPP048CD(O)-DU
CPG009CD(O)-B	CPG024CD(O)-B		CPP009CD(O)-B	CPP024CD(O)-B	CPP060CD(O)-DU

Easy Installation





CPP series

Side Discharge Condensers

Product specifications

Outdoor Model No.		CPP009CD(O)	CPP012CD(O)	CPP018CD(O)	CPP024CD(O)	
Power supply		208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	
Max. fuse	A	15.0	15.0	20.0	25.0	
Minimum circuit Ampacity	A	10.0	12.0	15.0	18.0	
Outdoor air flow (Max.)	CFM	1060	1120	1470	2354	
Outdoor noise level	dB(A)	56.0	57.0	59.0	61.0	
Outdoor unit	inch	30.31x11.81x21.85	31.5x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89	
	Packing (WxDxH)	inch	35.43x13.58x23.03	36.22x15.35x24.21	37.99x15.55x29.72	42.91x19.69x34.45
	Packing (WxDxH)	kg	28/30.3	34.8/37.5	43.2/46.5	62/67.4
	Net/ Gross weight	lbs.	61.73/66.8	76.72/82.67	95.24/102.51	136.69/148.59
Refrigerant type/Quantity	Oz	R410A/38.8	R410A/40.6	R410A/68.8	R410A/82.9	
Refrigerant precharge	ft	25	25	25	25	
Additional charge for each ft	oz	0.16	0.16	0.16	0.32	
Design pressure	PSIG	550/340	550/340	550/340	550/340	
Refrigerant piping	Liquid side/ Gas side	inch	1/4"/3/8"	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"
	Max. pipe length	ft	82	82	98	164
	Max. difference in level	ft	33	33	66	82
Ambient temperature	Cooling	°C	-25~50	-25~50	-25~50	-25~50
	Cooling	°F	-13~122	-13~122	-13~122	-13~122
	Heating	°C	-25~30	-25~30	-25~30	-25~30
	Heating	°F	-13~86	-13~86	-13~86	-13~86



Outdoor Model No.			CPP036CD(O)-DU	CPP048CD(O)-DU	CPP060CD(O)-DU
Power supply			208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz
Max. fuse	A		50	50	50
Minimum circuit Ampacity	A		30	35	36
Outdoor air flow (Max.)	CFM		2530	4470	4414
Outdoor noise level	dB(A)		65.0	63.0	64.0
Outdoor unit	inch		37.24x16.14x31.89	37.48x16.34x52.48	37.48/16.34/13.11
	Packing (WxDxH)	inch	42.91x19.69x34.45	43.11x19.49x58.27	43.11/19.49/58.27
	Packing (WxDxH)	kg	67.4/73	98.6/111.6	102.1/115.4
	Net/ Gross weight	lbs.	148.59/160.94	217.4/246.0	224.9/0.9
Refrigerant type/Quantity	Oz		R410A/108	R410A/148.2	R410A/163
Refrigerant precharge	ft		25	25	25
Additional charge for each ft	oz		0.32	0.32	0.32
Design pressure	PSIG		550/340	550/340	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8"/5/8"	3/8"/5/8"	3/8"/3/4"
	Max. pipe length	ft	213	213	213
	Max. difference in level	ft	98	98	98
Ambient temperature	Cooling	°C	-25-50	-25-50	-25-50
	Cooling	°F	-13~122	-13~122	-13-122
	Heating	°C	-25-30	-25-30	-25-30
	Heating	°F	-13~86	-13~86	-13-86

ComfortStar®



**SIDE DISCHARGE GENERAL REPLACEMENT
CONDENSING UNIT**

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