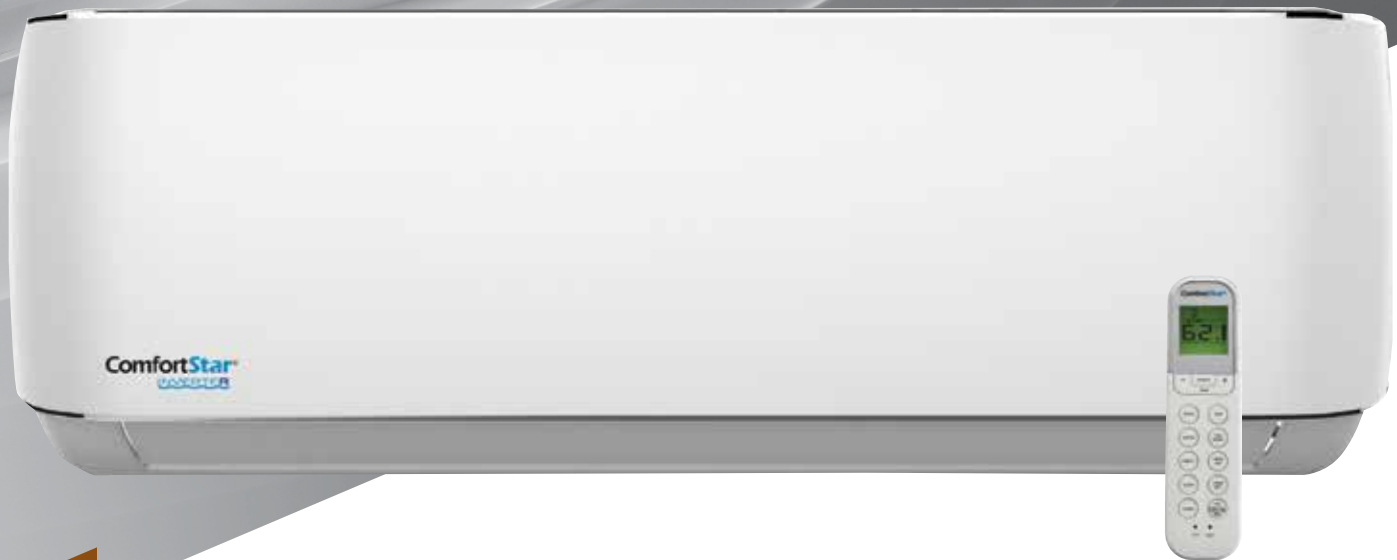




ALEGRIA GOLD | up to 19 SEER

Single Zone Heat Pump | 0°F Low Outdoor Ambient Operating Temperature in both Heating and Cooling.

- | | | | | | | | |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| Celsius And Fahrenheit Degree Switch | Quiet Mode | Auto-Restart | Intelligent Defrost | Low Temperature Heating and Cooling | 24H Timer | Follow Me | Wired Controller |

GOLD features:

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> • Auto Swing • Auto Defrost • 12-Speed Indoor Fan • Emergency Mode • Anti-Cold Air Function | <ul style="list-style-type: none"> • Bypass Mode • Mute Operation • Refrigerant Leak Detection Error Code • Manual Switch | <ul style="list-style-type: none"> • Interactive display • Self-Diagnosis • 3-Directional Airflow • 2-Way Draining • Wired Control Option |
|---|---|--|


ALEGRIA GOLD
7 Year Warranty
Compressor


ALEGRIA GOLD
5 Year Warranty
Parts

INVERTER



Warranty registration required except in California and Quebec, Canada.

Features

GOLD expanded features:

- **Low Ambient:** Systems are capable of producing comfortable heating and cooling to outdoor ambient temperatures as low as 0°F.
- **Manual Power Switch:** Power unit ON/OFF using button located at the evaporator.
- **Interactive Display shows:**
 - Error codes based on system failure.
 - Service codes if your filter needs cleaning.
 - Error code if refrigerant leak is detected.
 - When unit goes into auto defrost.
- **Self-Diagnosis:** Unit will shut down and go into protection mode if it detects abnormalities. The display will show an error code depending on the type of protection the unit is in.
- **Bypass Mode:** Unit will continue to operate if a non-critical component fails, such as a sensor.
- **2-Way Draining Option:** Ability to place drain hose on either left or right hand side of evaporator allows for flexible installation design.
- **3 Directional Airflow:** Air flow is directed so that it reaches more surface area including the corners of the room being conditioned.
- **Mute Operation:** Silence function keys from the Remote Control.
- **Follow Me Function:** Remote Control has a sensor built in. In this mode, the unit will sense the temperature at the Remote Control instead of at the indoor unit for the set temperature.
- **Controls:** Wired Controls (optional)



High Efficiency
up to 19 SEER
Low Ambient
0°F

TABLE OF CONTENTS

ALEGRIA GOLD series	8-15
Features	8-9
Nomenclature	11
ALEGRIA GOLD specifications.	12-15
Specs at a Glance.	66-71



CPG series

Single Zone Heat Pumps up to 19 SEER
0°F Low Outdoor Ambient Operating Temperature
in both Heating and Cooling.



ALEGRIA GOLD
7 Year Warranty
Compressor



ALEGRIA GOLD
5 Year Warranty
Parts



**ALEGRIA GOLD
CIM SERIES**
5 Year Warranty
Compressor



**ALEGRIA GOLD
CIM SERIES**
5 Year Warranty
Parts

INVERTER



Warranty registration required except in California and Quebec, Canada.

ALEGRIA GOLD

easy installation for residential and light commercial applications

High Efficiency
up to 19 SEER
Low Ambient
0°F

GOLD Applications:

- Sun Room
- Garage
- Pool House
- Home Gym
- Small Office Spaces
- Home Theatre Room
- Or any room where central duct work is not available

Outdoor Condenser



Equipment Nomenclature Characteristics:

Do Not Mismatch:

- CPG with any other models
- CA (115V) with CD (208-230V)
- CIM with any other models - Cooling Only
- CA (115V) with CD (208-230V)

INDOOR MODEL NO.	CPG009CA(I)-B	CPG012CA(I)-B	CPG009CD(I)-B	CPG012CD(I)-B	CPG018CD(I)-B	CPG024CD(I)-B	CPG030CD(I)	CPG036CD(I)
OUTDOOR MODEL NO.	CPG009CA(O)-B	CPG012CA(O)-B	CPG009CD(O)-B	CPG012CD(O)-B	CPG018CD(O)-B	CPG024CD(O)-B	CPG030CD(O)	CPG036CD(O)
CAPACITY Btu/h								
Cooling Capacity	9000	12000	9000	12000	18000	24000	30000	36000
Heating Capacity	10000	12000	9000	12000	18000	24000	30000	36000
ELECTRICAL DATA								
Power Supply	115V-1-60Hz	115V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz

INDOOR MODEL NO.	CIM12CA(I)	CIM09CD(I)	CIM12CD(I)	CIM18CD(I)	CIM24CD(I)
OUTDOOR MODEL NO.	CIM12CA(O)	CIM09CD(O)	CIM12CD(O)	CIM18CD(O)	CIM24CD(O)
CAPACITY					
Cooling Capacity / Btu/h	12000	9000	11500	17000	22000
ELECTRICAL DATA					
Power Supply	115-1-60	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz

Nomenclature:

CPG = Heat Pump
Gold Series

CA = 115V

CD = 208-230V

(I) = Indoor

(O) = Outdoor

CIM = Cooling Only
Gold Series

CA = 115V

CD = 208-230V

Heat Pump



Indoor Model No.			CPG009CA(I)-B	CPG012CA(I)-B	CPG009CD(I)-B
Outdoor Model No.			CPG009CA(O)-B	CPG012CA(O)-B	CPG009CD(O)-B
Power Supply			115V-1-60Hz	115V-1-60Hz	208-230V-1-60Hz
Cooling	Capacity	Btu/h	9000	12000	12000
	Input	W	782	1020	1065
	Rated current	A	6.8	8.9	4.5
	EER	Btu/w	11.5	10.5	11
	SEER	Btu/w	19	19	18
Heating	Capacity	Btu/h	10000	12000	12000
	Input	W	925	1026	1025
	Rated current	A	8.1	8.9	4.3
	HSPF4	Btu/w	10	9.5	9.5
Minimum Circuit Ampacity		A	15	15	10
Max. fuse		A	20	20	15
Indoor Air Flow (Hi/Mi/Lo)		CFM	420/300/220	500/360/240	420/310/210
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	39/-/24.5	40.5/-/24	36/-/23
Indoor Unit	Dimension (WxDxH)	inch	28.43x7.36x11.42	31.57x7.44x11.69	28.43x7.36x11.42
	Packing (WxDxH)	inch	31.10x10.63x14.57	34.45x11.22x14.76	31.10x10.63x14.57
	Net/Gross weight	lbs.	16.5/20.9	18.7/22.5	16.5/20.9
Outdoor Air Flow		CFM	1060	1120	1060
Outdoor Noise Level		dB(A)	56	54	57
Outdoor Unit	Dimension(WxDxH)	inch	30.31x11.81x21.85	30.31x11.81x21.85	30.31x11.81x21.85
	Packing (WxDxH)	inch	35.43x13.58x23.03	35.43x13.58x23.03	35.43x13.58x23.03
	Net/Gross weight	lbs.	63.9/69.4	65.0/70.5	63.9/69.4
Design Pressure		PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
Refrigerant Type		oz	R410A/28.2	R410A/33.9	R410A/28.2
Refrigerant Precharge		ft	25	25	25
Additional Charge For Each Ft		oz	0.161	0.161	0.161
Refrigerant Piping	Liquid side/ Gas side	inch	1/4"/3/8"	1/4"/1/2"	1/4"/3/8"
	Max. refrigerant pipe length	ft	82	82	82
	Max. difference in level	ft	33	33	33
Connection Wiring			16AWG*4 Stranded, unshielded		
Controller			Remote Control	Remote Control	Remote Control
Operation Temperature	Indoor (Cooling/Heating)	°F	62-90/32-86	62-90/32-86	62-90/32-86
	Outdoor (Cooling/Heating)	°F	0-122/0-86	0-122/0-86	0-122/0-86
Application Area (Cooling Standard)		sq. ft	129-189	172-252	129-189

For proper wiring sizes always refer to local codes

CPG series | up to 19 SEER - Heat Pump

0°F Low Ambient Operating Temperatures in both Heating and Cooling.

FEATURES:

- Auto-restart
- Timer (24H)
- Turbo
- Auto swing
- Sleep mode (7 hour off)
- Refrigerant Leak Detection
- By Pass Function (Emergency operation)
- LED display
- Manual power control on indoor unit
- Low Ambient cooling and heating
- Louver Position Memory
- Dry Mode
- Cold Catalyst Filter
- High Density Filter
- 2 Way Draining

Product specifications

CPG012CD(I)-B	CPG018CD(I)-B	CPG024CD(I)-B	CPG030CD(I)	CPG036CD(I)
CPG012CD(O)-B	CPG018CD(O)-B	CPG024CD(O)-B	CPG030CD(O)	CPG036CD(O)
208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz
12000	18000	24000	30000	36000
1090	1635	2525	2857	4235
4.8	7.2	11.2	12.5	18.5
11	11	9.5	10.5	8.5
19	19	17	18	16
12000	18000	24000	30000	36000
1035	1935	2425	3110	3835
4.5	8.5	10.7	13.5	16.7
9.5	9.5	9.5	9.6	10
15	15	18	20	25
15	20	25	30	35
500/350/240	660/450/380	1000/780/600	1350/1050/800	1450/1100/800
40.5/-/25	45/-/29	45.5/-/33	52/44/35	52/44/36
31.57x7.44x11.69	37.99x8.46x12.56	42.52x8.90x13.19	49.57x11.10x14.25	49.57x11.10x14.25
34.45x11.22x14.76	41.14x12.01x15.94	45.47x16.34x12.40	52.76x17.72x14.96	52.76x17.72x14.96
18.7/22.5	26.0/34.2	29.1/37.0	43.2/55.6	43.2/55.6
1120	1470	1590	2530	2943
57	57.5	59	62	63
30.31x11.81x21.85	31.50x13.11x21.81	33.27x14.29x27.64	37.24x16.14x31.89	37.24x16.14x31.89
35.43x13.58x23.03	36.22x15.35x24.21	38.00x15.55x29.72	42.91x19.69x34.45	42.91x19.69x34.45
65.0/70.5	80.5/87.1	105.16/112.44	137.79/147.71	143.3/153.22
550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG
R410A/33.9	R410A/52.9	R410A/63.5	R410A/97.0	R410A/119.9
25	25	25	25	25
0.161	0.161	0.322	0.322	0.322
1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/5/8"	3/8"/5/8"
82	98	98	164	213
33	66	66	82	98
16AWG*4 Stranded, unshielded				
Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86	62-90/32-86
0-122/0-86	0-122/0-86	0-122/0-86	0-122/0-86	0-122/0-86
172-252	251-368	330-484	330-484	330-484

For proper wiring sizes always refer to local codes

Single Zone Cooling Only



Indoor Model No.			CIM12CA(I)	CIM09CD(I)
Outdoor Model No.			CIM12CA(O)	CIM09CD(O)
Power supply			115V-1-60Hz	208-230V-1-60Hz
Cooling	Capacity	Btu/h	12000	9000
	Input	W	1160	821
	Rated current	A	5.0	3.6
	SEER	Btu/w	16.5	19
	EER	Btu/w	10	11.1
MINIMUM CIRCUIT Ampacity		A	15	10
MAX. FUSE		A	20	15
Indoor air flow(Turbo)/Hi/Mi/Lo		CFM	476/428/291	410/350/250
Indoor noise level (Hi/Mi/Lo)		dB(A)	38.5/31/24.5	40/32/26
Indoor unit	Dimension (WxDxH)	inch	31.57x7.44x11.69	28.43x7.36x11.42
	Packing (WxDxH)	inch	34.45x11.22x14.76	31.10x10.63x14.57
	Net/Gross weight	LBS	16.3/20.2	16.3/21.6
Outdoor air flow		CFM	1120	1060
Outdoor noise level		dB(A)	54	54.5
Outdoor unit	Dimension(W*D*H)	inch	30.31x11.81x21.85	30.31x11.81x21.85
	Packing (W*D*H)	inch	35.43x13.58x23.03	35.43x13.58x23.03
	Net/Gross weight	LBS	63.8/71.5	52.8/59.2
Design pressure		PSIG	550/340 PSIG	550/340 PSIG
Refrigerant type		OZ	R410a/20.81oz	R410a/17.64oz
Refrigerant precharge		ft	25	25
Additional charge for each ft		oz	0.161	0.161
Refrigerant piping	Liquid side/ Gas side	inch	1/4"/1/2"	1/4"/3/8"
	Max. refrigerant pipe length	ft	82	82
	Max. difference in level	ft	33	33
Connection wiring			16AWG*4 Stranded, unshielded	
Controller			Remote Control	Remote Control
Operation temperature	Indoor (Cooling/Heating)	°F	62-90/32-86	62-90/32-86
	Outdoor (Cooling/Heating)	°F	5-122/5-86	5-122/5-86
Application area (cooling standard)		sq.ft	129-189	129-189

For proper wiring sizes always refer to local codes

CIM series

up to 20 SEER | Cooling Only (includes 10' of Line Set) | Low Ambient 5°F

FEATURES:

- Auto-restart
- Timer (24H)
- Turbo
- Auto swing
- Sleep mode (7 hour off)
- Refrigerant Leak Detection
- By Pass Function (Emergency operation)
- LED display
- Manual power control on indoor unit
- Low Ambient cooling and heating
- Louver Position Memory
- Dry Mode
- Cold Catalyst Filter
- High Density Filter
- 2 Way Draining

Product specifications

CIM12CD(I)	CIM18CD(I)	CIM24CD(I)
CIM12CD(O)	CIM18CD(O)	CIM24CD(O)
208-230V-1-60Hz	208-230V-1-60Hz	208-230V-1-60Hz
11500	17000	22000
1095	1623	2170
4.8	7.4	9.4
19	20	19
11.2	10.8	10.9
11	15	16
15	20	25
500/350/240	900/750/600	1050/800/550
42/34.5/27	42.5/34/31	52/42/37
31.57x7.44x11.69	37.99x8.46x12.56	42.52x8.90x13.19
34.45x11.22x14.76	41.14x12.01x15.94	45.47x16.34x12.40
18.5/22.2	24.2/30.8	28.6/36.7
1120	1470	1590
53	57	59
30.31x11.81x21.85	31.50x13.11x21.81	33.27x14.29x27.64
35.43x13.58x23.03	36.22x15.35x24.21	38.00x15.55x29.72
52.8/59.4	63.8/72.2	136.4/147.4
550/340 PSIG	550/340 PSIG	550/340 PSIG
R410a/18.69oz	R410a/31.75oz	R410a/42.33oz
25	25	25
0.161	0.161	0.322
1/4"/1/2"	1/4"/1/2"	3/8"/5/8"
82	98	98
33	66	66
16AWG*4 Stranded, unshielded		
Remote Control	Remote Control	Remote Control
62-90/32-86	62-90/32-86	62-90/32-86
5-122/5-86	5-122/5-86	5-122/5-86
129-189	129-189	129-189

For proper wiring sizes always refer to local codes