

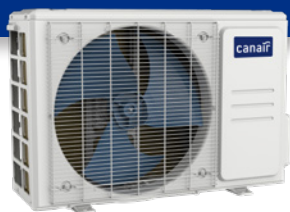
# canair

## C22



## AIR CONDITIONERS AND HEAT PUMPS

UP TO 21.7 SEER2 | SINGLE ZONE



RELIABLE

QUIET

ADAPTABLE

CANADA BEST  
MANAGED  
COMPANIES

Platinum  
member

# DESCAIR



Proud family and Quebec  
owned company since 1971



## OTHER AVAILABLE canair PRODUCTS

canair

CENTRAL SIDE  
DISCHARGE SYSTEM

High efficiency system  
up to **18 SEER2** and **10 HSPF2**  
with a **heating capacity**  
of **99% at -20°C**



canair

C28 WALL-MOUNTED SYSTEM

HEAT PUMP  
Up to **28.1 SEER2** (up to 48,000 BTU)  
**heating up to -30°C**



canair

RANGE HOOD

CP 280 SERIES  
(40dB at low speed)





The **canaïr** brand provided by your trusted Descair dealer to meet your needs and guarantee you the highest quality of service.

**canaïr** is the house brand that offers quality products and a warranty that suits your needs.

## WHY canaïr C22 ?

### RELIABLE

A brand exclusively selected and supplied by your trusted dealer, a guarantee of quality and reliability.

### ADAPTABLE

The **canaïr C22** range is designed to adapt to any environment thanks to its compact size and sleek design.

### QUIET

For optimum comfort, Canair indoor and outdoor units are designed to operate quietly in all operating modes.

## FEATURES



### HEATING UP TO -15°C

A unit designed to give you optimum efficiency and performance.



### DRAFT STOPPER FEATURE

For a nice warm sensation when starting the unit in heating mode.



### TURBO MODE

To reach the desired temperature quickly. This mode is available for both cooling and heating.



### «FOLLOW ME» FEATURE

For maintaining the temperature wherever the remote control is located.



### SELF-CLEANING FEATURE

To clean and dry the indoor and outdoor coil for the prevention of mould and mildew.



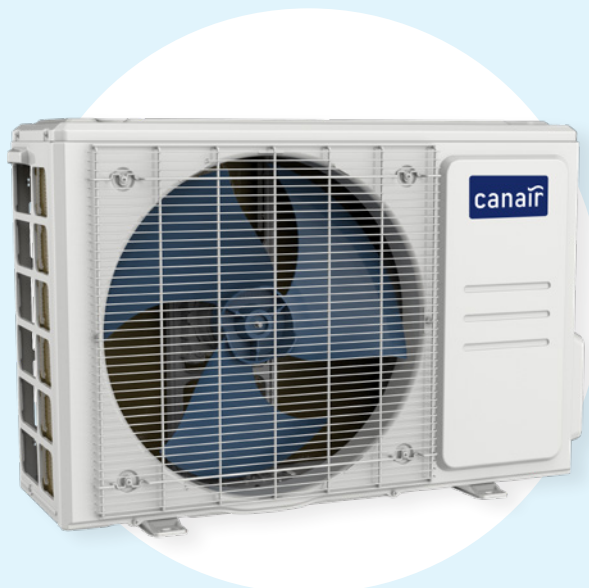
### AUTOMATIC RESTART

As soon as service is restored following a power failure, while maintaining the previously selected settings.



### SILENT MODE

For a quiet and comfortable atmosphere in any mode of operation.



## TECHNOLOGY

### INVERTER TECHNOLOGY







Inverter technology allows for intensity control by changing the frequency of the compressor's power supply for optimum efficiency and comfort.

### BENEFITS





- Reduces energy consumption to lower your energy costs
- Provides comfort at all times thanks to precise temperature and capacity control adapted to match the level of room activity
- Quickly heats and cools the room
- Operates silently thanks to its technology and design



## SINGLE ZONE HEAT PUMPS

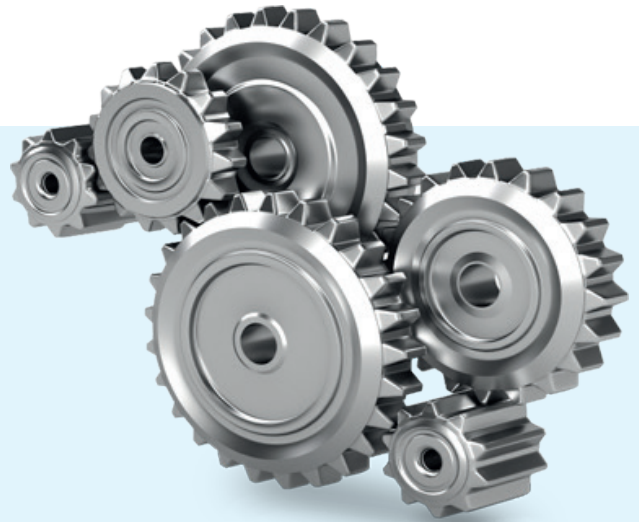
	CANAIR C22 09HP 115V	CANAIR C22 09HP 230V	CANAIR C22 12HP 115V	CANAIR C22 12HP 230V	CANAIR C22 18HP 230V	CANAIR C22 24HP 230V
	21.5 SEER2 <b>9,000 BTU</b> (2,650 ~ 10,300)	21.7 SEER2 <b>9,000 BTU</b> (2,900 ~ 10,200)	20.8 SEER2 <b>12,000 BTU</b> (4,300 ~ 12,600)	21.4 SEER2 <b>12,000 BTU</b> (3,800 ~ 12,850)	19.0 SEER2 <b>18,000 BTU</b> (3,900 ~ 20,000)	18.0 SEER2 <b>24,000 BTU</b> (6,704 ~ 25,300)
	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F
	<b>10,000 BTU</b> (2,700 ~ 10,500)	<b>10,000 BTU</b> (2,400 ~ 10,900)	<b>12,000 BTU</b> (4,000 ~ 12,500)	<b>12,000 BTU</b> (2,730 ~ 12,500)	<b>18,800 BTU</b> (6,300 ~ 19,400)	<b>24,000 BTU</b> (6,900 ~ 28,100)
	-15°C ~ 24°C 5°F ~ 75°F	-15°C ~ 24°C 5°F ~ 75°F	-15°C ~ 24°C 5°F ~ 75°F	-15°C ~ 24°C 5°F ~ 75°F	-15°C ~ 24°C 5°F ~ 75°F	-15°C ~ 24°C 5°F ~ 75°F
 Indoor unit	28.43 x 7.36 x 11.42	28.43 x 7.36 x 11.42	31.57 x 7.44 x 11.69	31.57 x 7.44 x 11.69	37.99 x 8.46 x 12.56	42.52 x 8.9 x 13.19
 Outdoor unit	55.0 dB(A)	54.5 dB(A)	53.5 dB(A)	53.5 dB(A)	57.0 dB(A)	60.0 dB(A)

# SINGLE ZONE AIR CONDITIONERS

	CANAIR C22 09AC 230V	CANAIR C22 12AC 115V	CANAIR C22 12AC 230V	CANAIR C22 18AC 230V	CANAIR C22 24AC 230V
	19.0 SEER2 <b>9,000 BTU</b> (3,200 ~10,200)	21.0 SEER2 <b>11,500 BTU</b> (3,000 ~13,200)	21.0 SEER2 <b>11,500 BTU</b> (2,900 ~12,900)	21.0 SEER2 <b>17,500 BTU</b> (5,000 ~17,700)	18.5 SEER2 <b>21,000 BTU</b> (4,700 ~23,900)
	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F	-15°C ~ 50°C 5°F ~ 122°F
 Indoor unit	28.7 x 7.87 x 11.5	31.57 x 7.87 x 11.61	31.57 x 7.87 x 11.61	38.23 x 8.98 x 12.64	42.6 x 9.21 x 13.27
 Outdoor unit	53.5 dB(A)	54.0 dB(A)	54.5 dB(A)	55.5 dB(A)	56.5 dB(A)

## WARRANTIES

As part of our commitment to ensure quality of service, we suggest you propose a **10-year** basic warranty on parts and compressor on the products.



### BASIC WARRANTY

**5 YEARS** Compressor  
**1 YEAR** Parts

### ADDITIONAL WARRANTY

**5 YEARS** Compressor  
**5 YEARS** Parts

### ADDITIONAL WARRANTY

**10 YEARS** Compressor  
**10 YEARS** Parts

## SINGLE ZONE HEAT PUMPS



OUTDOOR UNIT

REMOTE  
CONTROLLER  
(INCLUDED)



UP TO  
21.7 SEER2  
9.1 HSPF2



COOLING  
UP TO  
-15,°C (5,°F)



HEATING  
UP TO  
-15,°C (5,°F)

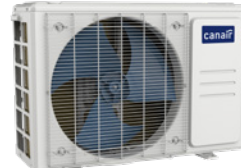
MODEL#			CANAIR C22 09HP 115V	CANAIR C22 09HP 230V	CANAIR C22 12HP 115V	CANAIR C22 12HP 230V	CANAIR C22 18HP 230V	CANAIR C22 24HP 230V
Indoor unit			C22SEH09H11	C22SEH09H21	C22SEH12H11	C22SEH12H21	C22SEH18H21	C22SEH24H21
Outdoor unit			C22SCH09H11	C22SCH09H21	C22SCH12H11	C22SCH12H21	C22SCH18H21	C22SCH24H21
Certification				—	—	—		—
AHRI			207683249	207683251	207683250	207683252	207683253	207683254
EFFICIENCY								
Capacity	Cooling	BTU/h	9,000 (2,650 ~ 10,300)	9,000 (2,900 ~ 10,200)	12,000 (4,300 ~ 12,600)	12,000 (3,800 ~ 12,850)	18,000 (3,900 ~ 20,000)	24,000 (6,700 ~ 25,300)
	Heating	BTU/h	10,000 (2,700 ~ 10,500)	10,000 (2,400 ~ 10,900)	12,000 (4,000 ~ 12,500)	12,000 (2,730 ~ 12,500)	18,800 (6,300 ~ 19,400)	24,000 (6,900 ~ 28,100)
EER2		BTU/W	12.5	12.6	10.3	10.8	10.5	9.0
SEER2		BTU/W	21.5	21.7	20.8	21.4	19.0	18.0
HSPF2 IV		BTU/W	9.0	9.1	8.7	9.1	8.7	8.6
Operating temperature	Cooling	°C °F	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122
	Heating	°C °F	-15 ~ 24 5 ~ 75	-15 ~ 24 5 ~ 75	-15 ~ 24 5 ~ 75	-15 ~ 24 5 ~ 75	-15 ~ 24 5 ~ 75	-15 ~ 24 5 ~ 75
ELECTRICAL DATA								
Power supply		V/Ph/Hz	115/1/60	230/1/60	115/1/60	230/1/60	230/1/60	230/1/60
MCA/MOP		A	20/30	12/15	18,5/25	15/15	15/20	19/30
FEATURES								
Indoor noise level (Hi/Mi/Lo)		dB(A)	37/31/22	41/31/24	42/31/26	37/30/23	44/35/30	46/40/35
Indoor air flow (Hi/Mi/Lo)		CFM	248/183/130	259/193/136	309/206/177	318/208/144	389/259/218	589/450/353
Outdoor noise level		dB(A)	55.0	54.5	53.5	53.5	57.0	60.0
Refrigerant			R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant piping		in	1/4" and 3/8"	1/4" and 3/8"	1/4" and 1/2"	1/4" and 1/2"	1/4" and 1/2"	3/8" and 5/8"
Max. refrigerant pipe length		ft	100	100	100	100	98	164
Max. difference in level		ft	60	60	60	60	66	82
Preloaded		ft	25	25	25	25	25	25
Additional charge for each ft		oz/ft	0.16	0.16	0.16	0.16	0.16	0.32
Min. control wiring unshielded*			16AWG/4	16AWG/4	16AWG/4	16AWG/4	16AWG/4	16AWG/4
* The use of 3/8" vapor line is permitted by the manufacturer under certain conditions. Please contact your representative for more information. Fittings not included.								
DIMENSIONS AND WEIGHT								
Indoor unit (WxDxH)		in	28.43 x 7.36 x 11.42	28.43 x 7.36 x 11.42	31.57 x 7.44 x 11.69	31.57 x 7.44 x 11.69	37.99 x 8.46 x 12.56	42.52 x 8.9 x 13.19
Net weight		lb	17	17	20	19	24	30
Outdoor unit (WxDxH)		in	30.12 x 11.93 x 21.85	30.12 x 11.93 x 21.85	31.57 x 7.44 x 11.69	30.12 x 11.93 x 21.85	31.69 x 12.99 x 21.81	35.04 x 13.46 x 26.5
Net weight		lb	58	56	63	60	74	98

# AIR CONDITIONERS

## SINGLE ZONE



INDOOR UNIT



OUTDOOR UNIT

REMOTE  
CONTROLLER  
(INCLUDED)



UP TO  
21.0 SEER2



COOLING  
UP TO  
-15, °C (5, °F)

MODEL#		CANAIR C22 09AC 230V	CANAIR C22 12AC 115V	CANAIR C22 12AC 230V	CANAIR C22 18AC 230V	CANAIR C22 24AC 230V
Indoor unit		C22SEH09C21	C22SEH12C11	C22SEH12C21	C22SEH18C21	C22SEH24C21
Outdoor unit		C22SCH09C21	C22SCH12C11	C22SCH12C21	C22SCH18C21	C22SCH24C21
AHRI		207683245	207683244	207683246	207683247	207683248
<b>EFFICIENCY</b>						
Capacity	BTU/h	9,000 (2,800 ~ 11,000)	11,500 (3,300 ~ 12,500)	11,500 (3,030 ~ 12,500)	18,000 (3,900 ~ 20,000)	24,000 (6,700 ~ 25,300)
EER2	BTU/W	12.5	11.6	11.9	11.3	9.9
SEER2	BTU/W	19.0	21.0	21.0	21.0	18.5
Operating temperature	°C °F	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122	-15 ~ 50 5 ~ 122
<b>ELECTRICAL DATA</b>						
Power supply	V/Ph/Hz	230/1/60	115/1/60	230/1/60	230/1/60	230/1/60
MCA/MOP	A	11/15	18/30	11/15	16/20	16/20
<b>FEATURES</b>						
Indoor noise level (Hi/Mi/Lo)	dB(A)	35.0/31.0/22.5	40.5/35.5/33	40/35.5/30.5	46/38.5/31.5	47.5/39.5/36
Indoor air flow (Hi/Mi/Lo)	CFM	247/206/148	333/253/212	324/233/195	471/353/306	589/471/400
Outdoor noise level	dB(A)	53.5	54.0	54.5	55.5	56.5
Refrigerant		R-410A	R-410A	R-410A	R-410A	R-410A
Refrigerant piping	in	1/4" and 3/8"	1/4" and 1/2"	1/4" and 1/2"	1/4" and 1/2"	3/8" and 5/8"
Max. refrigerant pipe length	ft	100	100	100	98	98
Max. difference in level	ft	60	60	60	66	66
Preloaded	ft	25	25	25	25	25
Additional charge for each ft	oz/ft	0.16	0.16	0.16	0.16	0.32
Min. control wiring unshielded*		16 AWG/4	16 AWG/4	16 AWG/4	16 AWG/4	16 AWG/4
* The use of 3/8" vapor line is permitted by the manufacturer under certain conditions. Please contact your representative for more information. Fittings not included.						
<b>DIMENSIONS AND WEIGHT</b>						
Indoor unit (WxDxH)	in	28.7 x 7.87 x 11.5	31.57 x 7.87 x 11.61	31.57 x 7.87 x 11.61	38.23 x 8.98 x 12.64	42.6 x 9.21 x 13.27
Net weight	lb	18	20	19	25	30
Outdoor unit (WxDxH)	in	28.35 x 10.63 x 19.49	28.35 x 10.63 x 19.49	28.35 x 10.63 x 19.49	30.12 x 11.93 x 21.85	31.69 x 12.99 x 21.81
Net weight	lb	48	51	49	62	68

# canair

**INVERTER** TECHNOLOGY

## **BASIC WARRANTY**

**5 YEARS** Compressor  
**1 YEAR** Parts

## **ADDITIONAL WARRANTY**

**5 YEARS** Compressor  
**5 YEARS** Parts

## **ADDITIONAL WARRANTY**

**10 YEARS** Compressor  
**10 YEARS** Parts

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[descair.ca](http://descair.ca)

514 744-6751 or 1 855 326-6752

 **BEST  
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YOUR RETAILER

