

# canair

Made for Quebec

## 4C22

R-454B



## DUCTLESS HEAT PUMP SYSTEMS

4C22 WALL-MOUNTED SYSTEM SERIES | SINGLE ZONE



RELIABLE

QUIET

ADAPTABLE

Exclusive distributor

 **DESCAIR**

Proud family and Quebec  
owned company since 1971







## WHY canair 4C22?

### RELIABLE

The **Canair** product line has been specifically designed to meet the air conditioning and heating needs of today's Quebec homeowners. Each product is carefully selected by Descair, a Quebec company specializing in the distribution of HVAC systems and parts, according to well-defined selection criteria.

### QUIET

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

### ADAPTABLE

The **Canair 4C22** series is designed to adapt to any environment thanks to its compact size and sleek design.



## 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



### FEATURES



#### HEATING AND COOLING UP TO -15°C

A heat pump designed to give you optimum efficiency and performance in heating and cooling.



#### TURBO MODE

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



#### SELF-CLEANING FEATURE

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



#### SILENT MODE

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



#### "FOLLOW ME" FEATURE

For maintaining the temperature wherever the remote control is located.



#### DRAFT STOPPER FEATURE

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



#### AUTOMATIC RESTART

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



#### COPPER COIL TU1

A high-quality product favored for its mechanical properties and high corrosion resistance.



#### WI-FI CONTROL (OPTIONAL)

Easily turn off or turn on the AC via smart device.

### 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





(9,000 BTU model,  
230 V only)

MODEL #			CANAIR 4C22 09HP 115V	CANAIR 4C22 12HP 115V	CANAIR 4C22 09HP 230V	CANAIR 4C22 12HP 230V	CANAIR 4C22 18HP 230V
Indoor Unit			4C22SEH09H11	4C22SEH12H11	4C22SEH09H21	4C22SEH12H21	4C22SEH18H21
Outdoor Unit			4C22SCH09H11	4C22SCH12H11	4C22SCH09H21	4C22SCH12H21	4C22SCH18H21
AHRI Reference #			215449710	215449711	215449712	215449713	215449714
CERTIFICATION							
			●	●	●	●	●
					●		
EFFICIENCY							
Capacity	Cooling	BTU/hr.	9,000 (2,200 ~ 9,900)	12,000 (2,200 ~ 12,300)	9,000 (2,300 ~ 9,700)	12,000 (1,700 ~ 13,300)	18,000 (4,100 ~ 19,000)
	Heating	BTU/hr.	10,000 (4,200 ~ 10,200)	12,000 (3,400 ~ 12,200)	10,000 (4,300 ~ 11,100)	12,000 (3,500 ~ 13,400)	18,800 (6,200 ~ 20,200)
SEER2		BTU/W	21.5	21.2	21.2	21.3	19.2
EER2		BTU/W	12.5	10.1	12.6	10.8	10.8
HSPF2 IV		BTU/W	9.0	8.7	9.1	9.1	9.6
HSPF2 V		BTU/W	7.0	6.7	7.0	7.0	7.5
Outdoor Operating Conditions	Cooling	°C	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50
		°F	5 ~ 122	5 ~ 122	5 ~ 122	5 ~ 122	5 ~ 122
	Heating	°C	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24	-15 ~ 24
		°F	5 ~ 75	5 ~ 75	5 ~ 75	5 ~ 75	5 ~ 75
Heating at -15°C (5°F)	Rated Capacity	BTU/W	6,500	6,600	7,000	8,000	11,500
	COP	W/W	1.96	1.84	2.07	1.91	2.15
INDOOR UNIT							
ELECTRICAL DATA							
Power Supply		V/Ph/Hz	115/1/60	115/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Indoor Min. Circuit Ampacity		A	3.0	3.0	3.0	3.0	3.0
FEATURES							
Indoor Airflow	Turbo / Hi / Mi / Lo / Si	CFM	282.5 / 235.4 / 206.0 / 164.8 / 117.7	341.4 / 309.0 / 206.0 / 176.6 / 94.2	312.0 / 264.9 / 194.2 / 153.0 / 105.9	359.0 / 306.1 / 206.0 / 144.2 / n/a	429.7 / 388.5 / 259.0 / 217.8 / n/a
Indoor Noise Level	Turbo / Hi / Mi / Lo / Si	dB(A)	43.0 / 37.5 / 33.5 / 25.0 / 18.0	45.0 / 40.5 / 32.5 / 25.0 / 17.5	40.5 / 35.5 / 31.5 / 23.0 / 18.5	44.0 / 38.0 / 32.0 / 22.5 / 21.0	50.5 / 45.0 / 36.0 / 24.0 / 19.0
DIMENSIONS AND WEIGHT							
Dimensions	W x D x H	in	28.43 x 7.36 x 11.42	31.57 x 7.44 x 11.69	28.43 x 7.36 x 11.42	31.57 x 7.44 x 11.69	37.99 x 8.46 x 12.56
Net Weight		lbs	17.42	19.40	16.98	19.40	24.47
OUTDOOR UNIT							
ELECTRICAL DATA							
Outdoor Min. Circuit Ampacity		A	18.0	19.0	12.0	13.0	15.0
Outdoor Max. Fuse		A	20	20	15	15	20
FEATURES							
Outdoor Airflow		CFM	1,294.1	1,235.3	1,294.1	1,235.3	1,235.3
Niveau Noise Level	Hi	dB(A)	52.5	54.0	53.5	54.0	56.0
Refrigerant			R-454b	R-454b	R-454b	R-454b	R-454b
Refrigerant charge		oz	21.52	24.34	21.52	24.69	40.57
Outdoor Additional Refrigerant		oz/ft	0.16	0.16	0.16	0.16	0.16
Preloaded		ft	24.6	24.6	24.6	24.6	24.6
Refrigerant Piping	Liquid & Gas	in	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/4 & 3/8	1/4 & 1/2
	Max. Piping Length	ft	82.00	82.00	82.00	82.00	98.40
	Max. Height Diff.	ft	49.20	49.20	49.20	49.20	65.60
Connection Wiring			AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4	AWG 14-4
DIMENSIONS AND WEIGHT							
Dimensions	W x D x H	in	30.12 x 11.93 x 21.85	30.12 x 11.93 x 21.85	30.12 x 11.93 x 21.85	30.12 x 11.93 x 21.85	31.69 x 12.99 x 21.81
Net Weight		lbs	56.66	61.29	54.23	59.08	72.31



Heat pumps **made for Quebec's climate**, with **quality products** and a warranty **tailored to your needs**.



## RIDE THE CANAIR WAVE

Our Quebec summers are getting sweeter as the years go by and it's getting increasingly difficult to relax and sleep easy at night when humidex levels trigger extreme weather notifications on our smartphones. It's time to up your indoor cooling game! Whether you're set up with a mini-split or a central air unit, a **Canair** system is designed to help you stay dry as a bone during those hot summer months. In cooling mode, a **Canair** heat pump can even find the heat inside your home, absorb it, and release it outdoors.

**It doesn't even need cold air to operate.**



## DO THE GREEN WAVE

A **Canair** cooling system runs on electricity and produces much less harmful greenhouse gas emissions compared to conventional natural gas systems.

**A better choice for the planet.**



## WAVES OF SAVINGS WITH CANAIR

Whether it's for a new build or a retrofit, a **Canair** system is an ideal solution to keep your home cool at optimal operational levels in the summer. In fact, if you're looking to replace an existing traditional air conditioning system, consider the very low incremental cost to make the switch.

**Reduce your energy bills while keeping your household cool.**





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 **BEST  
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COMPANIES** | Platinum  
member

**descair.ca**

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**COLD  
CLIMATE V6.1**