

BENEFITS

The ideal solution for a perfect temperature

- 1 VERSATILITY**
Compatible with **forced air** central systems, and hot water and cold water **hydronic** systems. Ideal for radiant floors, water unit ventilators, heated parking, home water heaters, heated pools and spas, etc.
- 2 EFFICIENCY**
Reaches the desired temperature quickly. Heats efficiently to **-30°C** according to the model. Perfect for our Quebec winters.
- 3 ENERGY SAVINGS**
Save up to **50%** on your electricity bills thanks to compressor modulation.
- 4 FLEXIBILITY**
Can be connected to many types of indoor units thanks to its internal management system. **Multiple air temperature measurement sensors** enable the system's performance to be optimized based on the building's requirements.
- 5 STATE-OF-THE-ART TECHNOLOGY**
Communication interface that is **compatible** with the latest smart Wi-Fi thermostats on the **ecobee4** market.
- 6 SPACE SAVINGS**
Horizontal, **unobtrusive** format that takes up little space, which makes this outdoor unit very **compact** compared with large traditional units.

KLIMFAX[®]
Air Conditioning - Heating - Geothermal

For the big **decisions**,
it takes an **expert**.

klimfax.com

HEAD OFFICE + SHOWROOM

810, Jean-Neveu St., Longueuil (Quebec) J4G 2M1
South Shore 450 674-3156 / Montreal 514 990-1179
Toll-free 1 855-KLIMFAX

 **inverto**[™]
BY KLIMFAX[®]

INVERTO[™]
Proven technology
for central systems

ULTRA-HIGH-PERFORMING. COMPACT.
QUIET. FLEXIBLE.



50 years
1969-2019



 ecobee4

KLIMFAX[®].com
Air Conditioning - Heating - Geothermal

 Carrier
turn to the experts

 ecobee4

INVERTO™

A high-performance system at a competitive price

Inverto™ technology allows you to modulate the outdoor compressor based on indoor air conditioning and heating requirements. Contrary to traditional units that always operate at full tilt until room temperature is reached and then goes into shut-off mode, compressors that use Inverto™ technology instead reduce power to a minimum.

Results? You will enjoy unmatched comfort thanks to a stable indoor temperature and benefit from superior energy savings with smart management of your appliance's electricity requirements. Perfect for all types of residences.



Residential Heat Pump

Sizes: 18 / 24 / 30 / 36
Inverter Compressor | Up to 20.5 SEER | Up to 11.5 HSPF
Select sizes are ENERGY STAR® certified based on indoor unit pairing

- FEATURES**
- 100% heating capacity at 5 °F (-15 °C) (sizes 8-24 BTU)
 - Built-in basepan heater
 - Condenser high temperature protection
 - Refrigerant leakage detection
 - Quiet outdoor operation, as low as 52.5 dB(A)
 - Aluminum Blue Hydrophilic pre-coated fins
 - Piping length 82 ~ 164 ft.
 - Cooling operating range: -13° ~ 122 °F (-25° ~ 50 °C)
 - Heating operating range: -22° ~ 86° F (-30° ~ 30 °C) (up to -30 °C)

7-year
LIMITED WARRANTY
on labour*

10-year
LIMITED WARRANTY
part and compressor*

Commercial Heat Pump

Sizes: 48 / 58
Inverter Compressor | Up to 17.4 SEER | Up to 10.5 HSPF

- FEATURES**
- Built-in Basepan Heater
 - Condenser high temp protection
 - Refrigerant leakage detection
 - Quiet outdoor operation, as low as 62.5 decibels
 - Total piping length up to 213 ft.
 - Cooling operating range: -13° ~ 122 °F (-25° ~ 50 °C)
 - Heating operating range: -22° ~ 86 °F (-30° ~ 30 °C)

The ecobee4 thermostat

The smartest thermostat there is!
Voice control function | Temperature sensor | Occupancy sensor

TECHNICAL SPECIFICATIONS

	38MA*R RESIDENTIAL OUTDOOR UNITS				38MBR COMMERCIAL OUTDOOR UNITS	
SYSTEM	18	24	30	36	48	58
Size	18	24	30	36	48	58
Outdoor Model	38MAQB18R--3	38MAQB24R--3	38MAQB30R--3	38MAQB36R--3	38MBRQ48A--3	38MBRQ58A--3
ELECTRICAL						
Voltage, Phase, Cycle	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
MOCP - Fuse Rating	25 A	30 A	30 A	35 A	50 A	50 A
OPERATING RANGE						
Cooling Outdoor Min-Max	-13 ~ 122 °F (-25 ~ 50 °C)	-13 ~ 122 °F (-25 ~ 50 °C)	-13 ~ 122 °F (-25 ~ 50 °C)	-13 ~ 122 °F (-25 ~ 50 °C)	-13 ~ 122 °F (-25 ~ 50 °C)	-13 ~ 122 °F (-25 ~ 50 °C)
Heating Outdoor Min-Max	-22 ~ 86 °F (-30 ~ 30 °C)	-22 ~ 86 °F (-30 ~ 30 °C)	-13 ~ 86 °F (-25 ~ 30 °C)	-13 ~ 86 °F (-25 ~ 30 °C)	-22 ~ 86 °F (-30 ~ 30 °C)	-22 ~ 86 °F (-30 ~ 30 °C)
PIPING						
Pipe Connection Size - Liquid	1/4	3/8	3/8	3/8	3/8	3/8
Pipe Connection Size - Suction	1/2	5/8	5/8	5/8	5/8	3/4
REFRIGERANT						
Type	R410A	R410A	R410A	R410A	R410A	R410A
COMPRESSOR						
Type	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
OUTDOOR						
Unit Width	33.66	37.24	37.24	37.24	37.48	37.48
Unit Height	27.63	31.89	31.89	31.89	52.48	52.48
Unit Depth	14.17	16.14	16.14	16.14	16.34	16.34
Net Weight	118.2	145.5	139.8	147.3	217.4	225.09
Airflow	1,390	2,130	2,130	2,130	4,500	4,415
Sound Pressure	57.5	60.5	60.5	60.5	62.5	64.0

PERFORMANCE SCALE

SYSTEM	18	24	30	36	48	58
Energy Star*	Yes	Yes	No	No	No	No
Cooling System Tons	1.4	2.0	2.5	3.0	4.0	4.8
Cooling Rated Capacity	17,000	24,000	30,000	36,000	48,000	57,000
Cooling Cap. Range Min-Max	4,500 ~ 18,800	5,500 ~ 24,500	8,000 ~ 30,500	8,000 ~ 36,200	9,000 ~ 50,000	18,000 ~ 58,000
SEER	20.0	20.5	19.8	16.0	17.4	18
Heating Cap. Range Min-Max	5,500 ~ 24,000	6,000 ~ 32,000	9,000 ~ 34,000	9,000 ~ 37,000	10,000 ~ 55,000	12,000 ~ 63,000
HSPF	10.3	11.5	9.4	8.5	10.3	9.0
COP (47 °F)	3.14	3.10	2.60	2.56	3.6	3.6
COP (17 °F)	2.64	2.64	2.16	2.12	2.62	2.62
COP (5 °F)	1.63	1.77	2.20	1.50	1.84	1.91
COP (-5 °F)	1.62	1.67	2.07	2.12	1.67	1.80

* 7-year warranty on labour and 10-year parts and compressor warranty for all models.