



inverto™

BY KLIMFAX®

Proven technology for central systems

ULTRA-HIGH-PERFORMING. COMPACT.
ENERGY-EFFICIENT. VERSATILE.

Heats efficiently  to **-30°C**
and up to 20 SEER



Klimfax®
Air Conditioning • Heating • Ventilation

Carrier
Turn to the experts

ecobee 6

Inverto™ Benefits

The ideal solution for comfortable temperatures, at all times.

1 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.

2 VERSATILITY

Compatible with **forced air** and **multi-zone** central systems for increased comfort in the home.

3 ENERGY SAVINGS

Save **up to 50%** on your electricity bills thanks to compressor modulation.

4 HIGH PERFORMANCE

Carrier's INVERTO™ central air system provides **unbeatable performance**, outperforming the majority of heat pumps on the market. Its energy-efficient performance is **certified** by programs such as ENERGY STAR and NEEP.

5 QUIET

Whether indoors or outdoors, your peace and quiet is guaranteed with INVERTO™ technology. Uncompromised indoor comfort is guaranteed by an outdoor unit as efficient as it is **quiet** (less than 52.5 dB) so you can take full advantage of sunny days.

6 STATE-OF-THE-ART TECHNOLOGY

Communication interface that is **compatible** with the latest smart Wi-Fi thermostats on the **Ecobee6** market.

7 EFFICIENCY

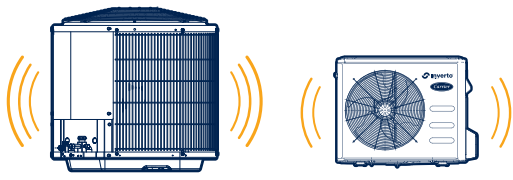
Reaches a **comfortable, stable** temperature quickly, even in extremely cold weather. INVERTO™ technology provides optimal heat using a minimum of energy.

Performance and Comfort Series heating units can achieve 100% efficiency at -20°C and maintain high energy efficiency up to -30°C.



8 AS COMPACT AS IT IS POWERFUL

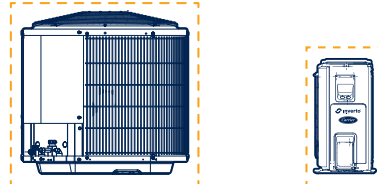
Designed and engineered in a horizontal configuration, using **up to 40% less space** than a traditional heat pump. Unobtrusive, stylish, and easy to install in small spaces.



Traditional system
76 dB

Inverto™ system
52.5 dB

Noise level comparison



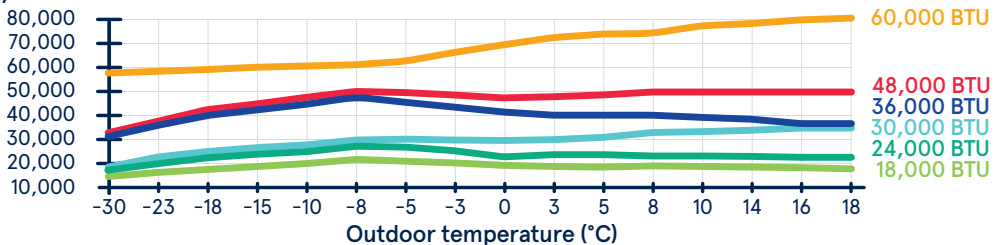
Traditional heat pump

Compact Inverto™ heat pump

Size comparison

Heating performance (38MURA)

Capacity (MBH)



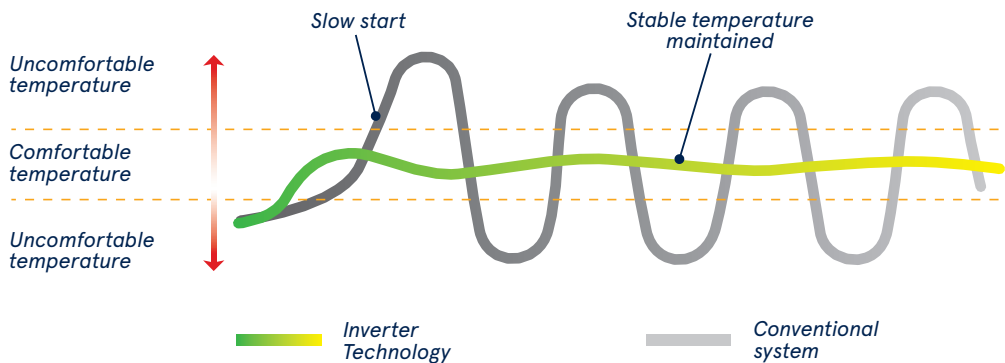
A high-performance system at a competitive price

Inverto™ technology allows you to modulate the outdoor compressor based on indoor air conditioning and heating requirements. Contrary to conventional units that always operate at full tilt until room temperature is reached and then go 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.

Inverter Technology

Thanks to **inverter** technology, **Carrier®** heat pumps provide consistent comfort while saving energy. By modulating the compressor's power in a gradual way, this technology helps prevent sudden changes in temperature, as well as the increased energy needs required by frequent stops and restarts. The power fluctuation is so gradual that you won't notice the temperature going up or down, outside.



Ecobee6, the smartest thermostat there is!

Learns your lifestyle to optimize comfort and savings

- Voice-control function
- Temperature sensor
- Occupancy sensor

38MURA & 40MUAA

38MARB & 40MBAB

OUTDOOR MODEL	38MURAQ18XB3	38MURAQ24XB3	38MURAQ30XB3	38MURAQ36XB3	38MURAQ48XB3	38MURAQ60XB3	38MARBQ18AA3	38MARBQ24AA3	38MARBQ30AA3	38MARBQ36AA3	38MBRCQ48AA3	38MBRQ58AA3
Cooling capacity (BTUH)	18,000	24,000	30,000	36,000	47,000	55,000	18,000	24,000	30,000	36,000	48,000	57,000
Cooling capacity range (BTUH)	6,900 - 21,000	6,400 - 27,000	10,400 - 33,600	12,000 - 47,400	18,000 - 48,000	18,000 - 56,000	6,800 - 21,000	7,500 - 26,000	9,500 - 31,200	11,600 - 41,000	11,800 - 52,000	18,000 - 58,000
SEER (Seasonal Energy Efficiency Ratio)	20	20	18	18	16	16.4	20	21	19	17	16.2	18
Heating Seasonal Performance Factor (HSPF)	11	12	10.5	10.5	10	10.5	10	11.6	10	11.3	10.8	10.5
Heating capacity (BTUH) (8°C)	19,000	24,000	33,000	40,000	50,000	59,000	19,000	26,000	30,000	38,000	55,000	62,000
Heating capacity range (BTUH)	2,800 - 21,000	10,100 - 31,000	12,000 - 37,000	9,000 - 57,200	20,000 - 55,000	20,000 - 68,000	5,800 - 21,000	5,600 - 29,000	12,000 - 32,000	9,200 - 43,000	11,900 - 58,000	12,000 - 63,000
Operating range, cooling (Outdoor temperature °C)	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 50	-30 to 50	-30 to 50	-30 to 50	-30 to 55	-25 to 50
Operating range, heating (Outdoor temperature °C)	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30
Voltage/phase/cycle	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
MCA/MOCP	16/20	20.5/35	23/35	41/50	42/50	42/60	16/25	25/35	23/30	28/35	35/50	35/50
Dimensions (W x H x D in in.)	35.04 x 26.5 x 13.3	37.24 x 31.9 x 16.02	37.24 x 31.9 x 16.02	37.5 x 52.5 x 16.34	37.5 x 52.5 x 16.34	37.5 x 52.5 x 16.34	35.04 x 26.5 x 13.5	37.24 x 31.9 x 16.14	37.24 x 31.9 x 16.14	37.24 x 31.9 x 16.14	37.5 x 52.5 x 16.34	37.5 x 52.5 x 16.34
Weight (lb)	102.3	141.8	141.8	217.6	217.6	239.9	101	134.5	142	150	219	225.1
Noise level (dBa)	58	64	62	64	64	64	59	62	63	61.5	62.5	64
INDOOR MODEL	40MUAAQ18XA3	40MUAAQ24XA3	40MUAAQ30XA3	40MUAAQ36XA3	40MUAAQ48XA3	40MUAAQ60XA3	40MBABQ18XB3	40MBABQ24XB3	40MBABQ30XB3	40MBABQ36XB3	40MBABQ48XA3	40MBABQ60XA3
Dimensions (W x H x D in in.)	17.5 x 45 x 21	17.5 x 45 x 21	21 x 49 x 21	21 x 49 x 21	21 x 49 x 21	24.5 x 53 x 21	17.5 x 45 x 21	17.5 x 45 x 21	21 x 49 x 21	21 x 49 x 21	21 x 49 x 21	24.5 x 53 x 21
Weight (lb)	106.7	106.7	129.6	129.6	132.5	164	106.7	106.7	129.63	129.63	132.5	164
Airflow based on fan speed (CFM)	488 - 618	629 - 824	712 - 1,088	865 - 1,188	906 - 1,471	1,135 - 1,806	488 - 618	629 - 824	712 - 1,088	865 - 1,188	906 - 1,471	1,135 - 1,806

¹Varies based on speed.

38MHRCQ & 38MHRCC

OUTDOOR MODEL	38MHRCQ18AA3	38MHRCQ24AA3	38MHRCQ30AA3	38MHRCQ36AA3	38MHRCC18AA3	38MHRCC24AA3
Cooling capacity (BTUH)	18,000	24,000	30,000	36,000	17,000	22,000
Cooling capacity range (BTUH)	5,500 - 19,000	8,987 - 26,585	8,200 - 30,670	8,300 - 37,500	5,800 - 18,600	4,900 - 24,100
SEER (Seasonal Energy Efficiency Ratio)	19.0	17.3	21	18	19.0	18.5
Heating Seasonal Performance Factor (HSPF)	10.0	9.6	8.7	7.8	NA	NA
Heating capacity (BTUH) (8°C)	18,800	24,000	30,000	36,000	18,800	24,000
Heating capacity range (BTUH)	6,200 - 19,000	8,371 - 25,350	11,800 - 30,800	10,900 - 37,360	5,800 - 18,600	4,900 - 24,100
Operating range, cooling (Outdoor temperature °C)	-17 to 50	-17 to 50	-17 to 50	-17 to 50	-17 to 50	-17 to 50
Operating range, heating (Outdoor temperature °C)	-17 to 30	-17 to 30	-17 to 30	-17 to 30	-17 to 30	-17 to 30
Voltage/phase/cycle	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
MCA/MOCP	15/20	19/30	25/30	28/35	15/20	19/30
Dimensions (W x H x D in in.)	31.5 x 21.81 x 13.11	33.27 x 27.64 x 14.29	37.24 x 31.89 x 16.14	37.24 x 31.89 x 16.14	30.31 x 21.85 x 11.81	33.27 x 27.64 x 14.29
Weight (lb)	79.6	114.2	142.86	150.13	65.9	88.6
Noise level (dBa)	57.0	60.2	NA	NA	58.0	58.0
INDOOR MODEL	40MBABQ18XB3	40MBABQ24XB3	40MBABQ18XB3	40MBABQ24XB3	40MBABQ18XB3	40MBABQ24XB3
Dimensions (W x H x D in in.)	17.5 x 45 x 21	17.5 x 45 x 21	17.5 x 45 x 21	17.5 x 45 x 21	17.5 x 45 x 21	17.5 x 45 x 21
Weight (lb)	106.7	106.7	106.7	106.7	106.7	106.7
Airflow based on fan speed (CFM)	488 - 618	629 - 824	488 - 618	629 - 824	488 - 618	629 - 824



OPTIONAL WARRANTY
5-7-10 years
on labour**

LIMITED WARRANTY
10-year
parts and compressor

**Our labour warranty plans are optional and are offered for a period of 5, 7 or 10 years. 10-year parts and compressor warranty for all models.

Klimfax®

Air Conditioning • Heating • Ventilation

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

HEAD OFFICE + SHOWROOM

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50 years
1969-2019



Turn to the experts

ecobee 6