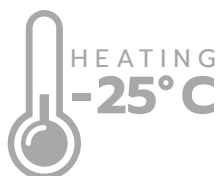




elios

WALL MOUNTED HEAT PUMP

e23 **VARIABLE SPEED**
UP TO 23 SEER





A HEAT PUMP DESIGNED FOR THE NEEDS OF MODERN LIFE

Opting for a ductless wall-mounted heat pump for home comfort is a smart choice: flexible, quick to install without major work, it offers wraparound comfort while saving money on heating. What's more, choosing an Elios heat pump is a smart choice: designed with state-of-the-art technology and the highest quality standards, Elios heat pumps offer added comfort and hassle-free life. For what matters most to you and your family.



Power and comfort. That's it!

Elios e23 heat pumps are designed to meet the most demanding requirements in terms of comfort. Adapted to the Canadian climate, the Elios e23 performs just as well in the heat of July as in the coldest periods of winter, even at outdoor temperatures as low as -25°C !

A worry free comfort warranty.

Elios heat pumps are covered by a 1-year limited warranty on parts and 5-year compressor, and in addition, an optional 10-year parts and compressor coverage is available. Which translates into years of comfort without any worries.



OPTIONAL



Your Elios dealer is supported by The Master Group, the largest independent distributor in the field of HVAC-R in Canada. For over 65 years, The Master Group has distinguished itself for its extensive inventory, exceptional customer service and technical expertise.

An additional assurance for peace of mind for many years.





TECHNOLOGY THAT MAKES THE DIFFERENCE



Performance in heating down to -25°C

the Elios heat pump is designed to offer optimal performance, even during the coldest days of the year;



ECO mode

intelligent compressor control system at less than 15Hz, limiting high frequency operation of compressor and fan;



Inverter Quattro technology

the Elios heat pump is equipped with the Inverter Quattro high frequency technology allowing you to reach the desired temperature in the blink of an eye and to modulate compressor power reducing number of start / stop cycles, which all together generate higher energy savings and uncompromising comfort;



Follow me function

controls the room temperature from the remote control, not the wall unit, allowing a better adjustment of the desired temperature and increased comfort;



Self clean function

prevents mold and mildew by drying the indoor coil;



Intelligent anti-cold air function

prevents unpleasant cold drafts for a comforting feeling of warmth as soon as the unit is switched on in heating mode;



25-stage compressor frequency control

gentle and precise control to increase the frequency range of the compressor from 10 to 25 stages for more comfort and energy savings;



Double filtration

a first filter eliminates dust and large particles such as pollen and animal hair. The second silver ion filter absorbs fine particles such as smoke and bacteria;



Silent mode

sought by those who want a quiet environment, ideal for light sleepers and infants sensitive to external noise;



Turbo mode

available in air conditioning and heating modes, allows you to reach the desired temperature in no time;



5-speed ventilation

thanks to the DC motor, the unit offers over five ventilation settings, compared to standard units offering only two speeds. This results in greater comfort and energy savings;



Auto restart

when restoring service following a power failure, the unit automatically resumes operation in less than three minutes while saving all previously selected settings;



Emergency function

when a temperature error occurs, the unit displays an error code and continues operating properly rather than stopping abruptly;



Outdoor heating cables

heating cables installed around the compressor and at the base of the outdoor unit ensure a smooth start and prevent ice build-up in harsh winter conditions.

TECHNICAL SPECIFICATIONS

HEAT PUMP SYSTEM	9,000 BTU		12,000 BTU		18,000 BTU		24,000 BTU	
OUTDOOR MODEL	DE09HOS23230E2		DE12HOS23230E2		DE18HOS23230E2		DE24HOS23230E2	
INDOOR MODEL	DE09HIW23230E3		DE12HIW23230E3		DE18HIW23230E3		DE24HIW23230E3	
COOLING CAPACITY BTU/h	9,000		12,000		18,000		24,000	
MIN. ~ MAX. COOLING BTU/h	3,100~12,030		3,790~12,730		4,500~18,000		7,600~27,510	
HEATING CAPACITY BTU/h	9,800		12,000		18,000		25,000	
MIN. ~ MAX. HEATING BTU/h	3,009~12,700		3,880~13,660		4,870~19,590		7,800~29,740	
HSPF BTU/Wh (REGION 4)	10.8		11.0		10.4		11.5	
SEER BTU/Wh	23.5		22.7		21		20.7	
EER BTU/Wh	14.9		13.7		13		13.7	
COOL. OPERATING RANGE	-13~122°F (-25~50°C)		-13~122°F (-25~50°C)		-13~122°F (-25~50°C)		-13~122°F (-25~50°C)	
HEAT. OPERATING RANGE	-13~86°F (-25~30°C)		-13~86°F (-25~30°C)		-13~86°F (-25~30°C)		-13~86°F (-25~30°C)	
MOISTURE REMOVAL	2.1 Pt./h (1.0 l/h)		2.5 Pt./h (1.2 l/h)		3.8 Pt./h (1.8 l/h)		5.5 Pt./h (2.6 l/h)	
VOLTAGE/FREQUENCY/PHASE	208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
MAX. CRT. BKR. (A)	15		15		20		25	
AIRFLOW (TURBO/HIGH/MED/LOW/QUIET) CFM	Turbo/370/268/196/Quiet		Turbo/371/274/198/Quiet		Turbo/530/410/295/Quiet		Turbo/695/624/485/Quiet	
FAN SPEEDS, MODES	3 • Auto • Turbo • Quiet		3 • Auto • Turbo • Quiet		3 • Auto • Turbo • Quiet		3 • Auto • Turbo • Quiet	
INDOOR SOUND LEVEL dB (A) (TURBO/HIGH/MED/LOW/QUIET)	41.7/33.4/26.5		45.1/35.8/28.6		46.2/36.3/30.9		51.7/44.5/35.1	
OUTDOOR FAN SPEED RPM	800		800		850		810	
EXTERNAL NOISE LEVEL dB (A)	55		55		60		61	
AIR DIRECTION: HORIZONTAL	Manual		Manual		Manual		Manual	
AIR DIRECTION: VERTICAL	Auto		Auto		Auto		Auto	
AIR FILTER	Washable		Washable		Washable		Washable	
CONNECTION METHOD	Flare		Flare		Flare		Flare	
COMBINED MAX LENGTH ft (m)	82 (25)		82 (25)		98 (30)		164 (50)	
MAX. VERTICAL DIFFERENCE ft (m)	33 (10)		33 (10)		66 (20)		82 (25)	
CONN. PIPE DIAMETER (in)	suc. 3/8 liq. 1/4		suc. 1/2 liq. 1/4		suc. 1/2 liq. 1/4		suc. 5/8 liq. 3/8	
	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.
NET WEIGHT lbs (kg)	66.8 (30.3)	25.4 (11.5)	82.67 (37.5)	26.7 (12.1)	112.5 (51.0)	34.8 (15.8)	148.59 (67.4)	53.6 (24.3)
DIMENSIONS: HEIGHT in (mm)	21 7/8 (555)	11 1/32 (280)	21 13/16 (554)	11 1/32 (280)	27 21/32 (702)	12 13/32 (315)	31 29/32 (810)	13 1/2 (343)
DIMENSIONS: WIDTH in (mm)	30 5/16 (770)	32 7/8 (835)	31 1/2 (800)	32 7/8 (835)	33 9/32 (845)	38 63/64 (990)	37 1/4 (946)	46 11/16 (1186)
DIMENSIONS: DEPTH in (mm)	11 13/16 (300)	7 13/16 (198)	13 1/8 (333)	7 13/16 (198)	14 5/16 (363)	8 19/32 (218)	16 5/32 (410)	10 5/32 (258)

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