



elios

# WALL MOUNTED HEAT PUMP

**e19** **VARIABLE SPEED**  
UP TO 19 SEER





# A HEAT PUMP DESIGNED FOR THE NEEDS OF MODERN LIFE

Choosing a ductless wall mounted heat pump for home comfort is a smart choice: flexible, fast installation, with no major construction work required, it offers wraparound comfort while saving money on heating. What's more, opting for an Elios heat pump is a wise decision: designed with state-of-the-art technology and the highest standards of quality, Elios heat pumps offer added comfort and hassle-free living.

## Comfort and energy savings. All year.

The Elios e19 heat pump meets the most demanding requirements in terms of comfort, winter and summer, rain or shine. Adapted to the extreme fluctuations of the Canadian climate, the Elios e19 features a host of innovative features including Inverter Quattro technology, which achieves the desired temperature in no time, while generating energy savings. In a discreet and elegant casing, the Elios e19 offers outstanding efficiency and performance during heating season, even at outdoor temperatures as low as -20°C.

## Comfort without worry. Guaranteed.

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.







## A LONG LIST OF FEATURES FOR THE MOST DEMANDING



### Performance in heating down to -20°C

the Elios e19 heat pump is designed to offer optimal performance, even during the coldest days of the year;



### 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;



### 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;



### Self clean function

prevents mold and mildew by drying the indoor coil;



### 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		30,000 BTU		36,000 BTU	
OUTDOOR MODEL	DE09HOS19115S1		DE12HOS19115S1		DE18HOS19230S1		DE24HOS19230S1		DE30HOS19230S1		DE36HOS19230S1	
INDOOR MODEL	DE09HIW19115S1		DE12HIW19115S1		DE18HIW19230S1		DE24HIW19230S1		DE30HIW19230S1		DE36HIW19230S1	
COOLING CAPACITY BTU/h	9,000		12,000		18,000		24,000		30,000		36,000	
MIN. ~ MAX. COOLING BTU/h	3,000~10,300		3,700~13,000		4,500~18,500		6,850~24,500		8,800~31,000		10,100~36,500	
HEATING CAPACITY BTU/h	10,000		12,000		18,000		24,000		30,000		36,000	
MIN. ~ MAX. HEATING BTU/h	3,500~10,900		3,600~13,500		4,600~19,000		7,200~25,000		8,900~31,500		10,400~37,500	
HSPF BTU/Wh (REGION 4)	10.0		9.5		10.0		9.5		9.6		10.0	
SEER BTU/Wh	19.0		19.0		19.0		17.0		18.0		16.0	
EER BTU/Wh	11.5		10.5		11.0		9.5		10.5		8.5	
COOL. OPERATING RANGE	-4~122°F(-20~50°C)		-4~122°F(-20~50°C)		-4~122°F(-20~50°C)		-4~122°F(-20~50°C)		-4~122°F(-20~50°C)		-4~122°F(-20~50°C)	
HEAT. OPERATING RANGE	-4~86°F (-20~30°C)		-4~86°F (-20~30°C)		-4~86°F (-20~30°C)		-4~86°F (-20~30°C)		-4~86°F (-20~30°C)		-4~86°F (-20~30°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)		6.8 Pt/h (3.2 l/h)		8.5 Pt/h (4.0 l/h)	
VOLTAGE/FREQUENCY/PHASE	115/60/1		115/60/1		208-230/60/1		208-230/60/1		208-230/60/1		208-230/60/1	
MAX. CRT. BKR. (A)	20		20		20		25		30		35	
AIRFLOW (TURBO/HIGH/MED/LOW/QUIET) CFM	Turbo/247/182/129/ Quiet		Turbo/294/212/171/ Quiet		Turbo/450/393/262/ Quiet		Turbo/706/588/450/ Quiet		Turbo/795/618/471/ Quiet		Turbo/853/647/471/ Quiet	
FAN SPEEDS, MODES	3 • Auto • Turbo • Quiet		3 • Auto • Turbo • Quiet		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)	38 to 25		38 to 28		43 to 30.5		48 to 34		52 to 35		52 to 36	
OUTDOOR FAN SPEED RPM	850/650		800/650		880/750/650		800/750/650		900/750		900/750	
EXTERNAL NOISE LEVEL dB (A)	52		55		57.5		58		62		63	
AIR DIRECTION: HORIZONTAL	Manual		Manual		Manual		Manual		Manual		Manual	
AIR DIRECTION: VERTICAL	Auto		Auto		Auto		Auto		Auto		Auto	
AIR FILTER	Washable		Washable		Washable		Washable		Washable		Washable	
CONNECTION METHOD	Flare		Flare		Flare		Flare		Flare		Flare	
COMBINED MAX LENGTH ft (m)	82 (25)		82 (25)		98 (30)		98 (30)		164 (50)		213 (65)	
MAX. VERTICAL DIFFERENCE ft (m)	33 (10)		33 (10)		66 (20)		66 (20)		82 (25)		98 (30)	
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		suc. 5/8 liq. 3/8		suc. 5/8 liq. 3/8	
	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.	OUT.	IN.
NET WEIGHT lbs (kg)	71.87 (32.6)	22.7 (10.3)	76.28 (34.6)	24.91 (11.3)	85.76 (38.9)	32.19 (14.6)	112.22 (50.9)	39.68 (18)	147.71 (67)	55.6 (25.2)	153.22 (69.5)	55.6 (25.2)
DIMENSIONS: HEIGHT in (mm)	21 7/8 (555)	11 13/32 (290)	21 13/16 (554)	11 11/16 (297)	21 13/16 (554)	12 9/16 (319)	27 21/32 (702)	13 3/16 (335)	31 29/32 (810)	14 1/4 (362)	31 29/32 (810)	14 1/4 (362)
DIMENSIONS: WIDTH in (mm)	30 5/16 (770)	28 7/16 (722)	31 1/2 (800)	31 19/32 (802)	31 1/2 (800)	38 (965)	33 9/32 (845)	42 17/32 (1080)	37 1/4 (946)	49 9/16 (1259)	37 1/4 (946)	49 9/16 (1259)
DIMENSIONS: DEPTH in (mm)	11 13/16 (300)	7 3/8 (187)	13 1/8 (333)	7 7/16 (189)	13 1/8 (333)	8 15/32 (215)	14 5/16 (363)	8 29/32 (226)	16 5/32 (410)	11 3/32 (282)	16 5/32 (410)	11 3/32 (282)

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