



elios

UP TO  
8 HSPF2-5  
& 16.8 SEER2

**HEAT+**

**MATCHED COIL ADD-ON SYSTEM**  
for electric and dual fuel installations & retrofits

# Central-Elios



**RELIABLE, ENERGY-SAVING  
SYSTEM**

Performance in  
heating down to



**-30°C\***

**10  
YEAR**  
LIMITED WARRANTY  
ON PARTS AND  
COMPRESSOR

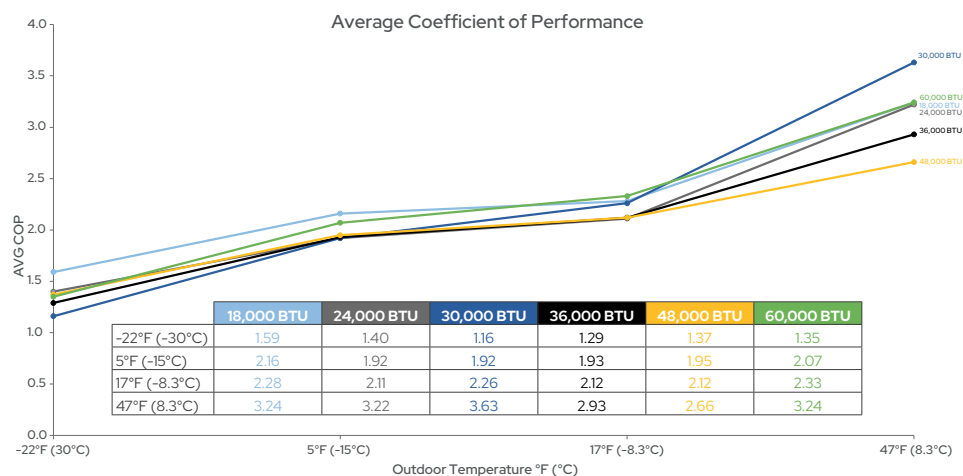


# DAILY COMFORT FOR TODAY'S LIFESTYLE

ELIOS PRODUCTS ARE DESIGNED BY CANADIANS FOR THE CANADIAN CLIMATE WITH YOUR COMFORT AND WELL-BEING IN MIND. A CENTRAL MOOV HEAT PUMP SYSTEM MAINTAINS THE SERENITY OF YOUR HOME BY KEEPING YOU COZY ALL YEAR ROUND IN WHISPER-QUIET, ENERGY EFFICIENT COMFORT.

## Optimized Efficiency and Performance

Central-Elios heat pumps were built for epic performance thanks to energy-saving HEAT+ and Inverter drive technology. Its outstanding operation has earned a best-in-class ranking as well as recognition from organizations dedicated to the promotion of energy efficient appliances such as ENERGY STAR\* and NEEP.



NRCAN and the Government of Canada define the Coefficient of Performance (COP) of a heat pump as the ratio between the rate at which the heat pump transfers thermal energy (in kW), and the amount of electrical power required to do the pumping (in kW). For example, if a heat pump used 1kW of electrical energy to transfer 3 kW of heat, the COP would be 3.

## Advanced Inverter Technology

Central-Elios heat pumps incorporate advanced inverter technology offering efficient, consistent, and quieter solutions for temperature control by allowing the compressor to operate at variable speeds, adjusting its output to precisely meet the heating or cooling needs of a space. This leads to energy savings, improved comfort, a longer lifespan for the unit, and quieter operation.

Inverter driven compressor

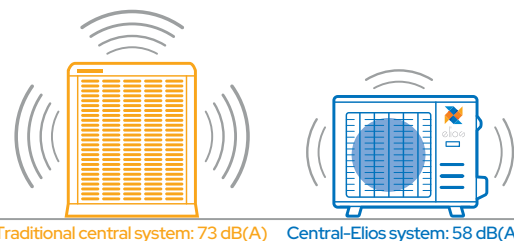


## Unmatched Performance in Harsh Winters with **HEAT+**

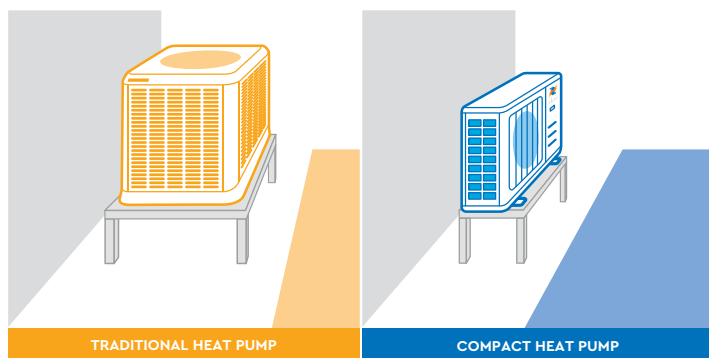
Central-Elios stands unrivaled against extreme cold weather. Its HEAT+ technology ensures peak heating performance even at low temperatures, while significantly reducing energy consumption. Central-Elios Series units maintain 100% of their rated capacity at -20°C, and sustain a high Coefficient of Performance (COP) in severe cold, down to -30°C.

## Ultra-Quiet, Peaceful Living

Central-Elios redefines home comfort with its ultra-quiet indoor performance, ensuring a tranquil and serene living space. The side discharge design of the outdoor unit operates at an impressively low noise level of just 58 dB(A), preserving the ambience of your outdoor areas. Experience undisturbed peace both inside and outside your home, free from intrusive noise.

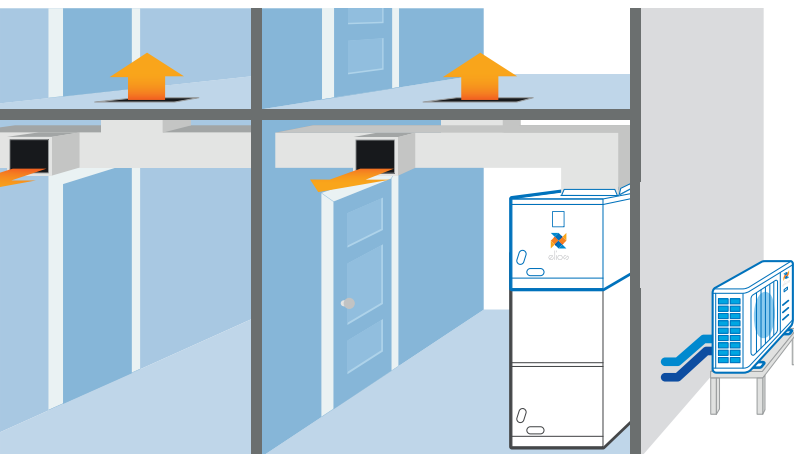






## Compact Powerhouse

Central-Elios redefines efficiency with its sleek, side discharge condenser, up to 40% more compact than conventional models. These smaller units not only provide enhanced installation flexibility but also ensure a visually appealing finish, seamlessly integrating efficiency with elegance.



## All-Season Reliability

Central-Elios stands strong against the harshest weather, delivering consistent comfort even in sub-zero temperatures. Its indoor unit accepts factory optional electric resistance heat banks ranging from 5 to 25 kilowatts depending on the model, ensures unwavering performance year-round, regardless of the outdoor conditions.



## Stress-Free Performance

Elios heat pumps come with a 10-year limited warranty on parts and a 10-year warranty on the compressor. For extended security, an optional 10-year warranty covering both parts and compressor is available, offering additional peace of mind and reliability assurance.



Whether you choose the included Elios thermostat or any other compatible thermostat, you can trust your Elios dealer to help you choose the model best suited to your needs.

*Elios controller model KJR-120N(X6W). This controller is Wi-Fi-connectable for control using the app.*



# TECHNICAL SPECIFICATIONS

HEAT PUMP SYSTEM		18,000 BTU	24,000 BTU	30,000 BTU	30,000 BTU	36,000 BTU	36,000 BTU	48,000 BTU	60,000 BTU
Indoor model		CUB24HAC20BWT7A	CUB24HAC20BWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB36HAC20BWT7A	CUB36HAC20CWT7A	CUB48HAC20CWT7A	CUB60HAC20DWT7A
Outdoor model		DEA18HOS20230E7	DEA24HOS20230E7	DEA30HOS20230E7	DEA30HOS20230E7	DEA36HOS20230E7	DEA36HOS20230E7	DEA48HOS20230E7	DEA60HOS20230E7
HEAT + Technology		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power supply V/Ph/Hz		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
Cooling	Capacity (range) BTU/h	18,000 (9,600~22,000)	24,000 (10,000~28,400)	29,000 (13,000~33,000)	30,000 (9,900~35,000)	35,000 (11,700~40,000)	35,000 (11,700~40,000)	46,000 (12,300~47,000)	53,000 (13,400~54,000)
	EER2 BTU/h	11.7	10.7	10.0	10.5	10.5	9.8	8.6	8.6
	SEER2 BTU/h	16.5	16.8	15.2	15.5	15.5	15.2	14.3	14.5
Heating	Capacity (range) BTU/h	19,000 (6,000~23,600)	25,000 (9,600~33,400)	31,000 (8,000~34,000)	33,000 (9,000~37,000)	38,000 (9,200~50,000)	39,000 (9,200~50,000)	51,000 (15,000~59,000)	55,000 (10,800~60,000)
	COP2 W/W	3.46	3.28	3.18	3.39	3.18	3.18	2.98	3
	HSPF2 Region 5 (Region 4) BTU/h	7.8 (9.5)	7.7 (9.5)	6.6 (8.5)	7.7 (9.7)	7.1 (8.6)	8 (10)	7.5 (9)	7.1 (8.6)
Max. fuse (A) (outdoor)		20	35	35	35	50	50	50	60
Compressor Type		Twin-rotary	Twin-rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Indoor unit	W x D x H mm	445x533x457	445x533x457	445x533x599	533x533x609	445x533x599	533x533x609	533x533x609	622x533x711
	W x D x H in	17.52x20.98x17.99	17.52x20.98x17.99	17.52x20.98x23.58	20.98x20.98x23.98	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Net/Gross weight kg	46.7/49.8	62/66	27.3/31.3	72.5/77	27.3/31.3	103/116	99.9/112.9	39.3/44.6
	Net/Gross weight lb	102.95/109.79	136.69/145.50	60.19/69.00	159.83/169.75	60.19/69.00	227.07/255.73	220.24/248.90	86.64/98.33
Outdoor fan motor	Qty	1	1	1	1	2	2	2	2
	Speed r/min	800/700/580	950/700/500/400	950/900/500	950/900/500	850/750/650	850/750/650	850/750/650	850/750/650
Outdoor noise level dB(A)		57	63.5	62	62	63	61	64	62
Outdoor unit	W x D x H mm	890x342x673	946x410x810	946x410x810	946x410x810	952x415x1333	952x415x1333	952x415x1333	952x415x1333
	W x D x H in	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48	37.48x16.34x52.48
	Net/Gross weight kg	46.7/49.8	62/66	72.5/77	72.5/77	103/116	103/116	99.9/112.9	108.8/123.2
	Net/Gross weight lb	102.95/109.79	136.69/145.50	159.83/169.75	159.83/169.75	227.07/255.73	227.07/255.73	220.24/248.90	239.86/271.61
Refrigerant precharge ft		25	25	25	25	25	25	25	25
Refrigerant piping	Liquid side/Gas side mm (in)	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")	9.52/19 (3/8", 3/4")
	Max. refr. pipe length m (ft)	30 (98.42)	30 (98.42)	50 (164.04)	50 (164.04)	65 (213.25)	65 (213.25)	65 (213.25)	65 (213.25)
	Max. elevation dif. m (ft)	20 (65.62)	20 (65.62)	25 (98.42)	25 (98.42)	30 (98.42)	30 (98.42)	30 (98.42)	30 (98.42)
Thermostat type		Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control	Wired control
Outdoor temperature operating range	Outdoor T° cool. °C/°F	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)	-15 ~ 50 (5 ~ 122)
	Outdoor T° heat. °C/°F	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)	-30 ~ 24 (-22 ~ 75)
Eligible for Greener Home Grant**		Yes	Yes	Yes	Yes	Yes	Yes	No	No



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Authorized Canadian Independent Dealer

