



elios
COMFORT



e-Multi

Multizone standard
climate heat pumps

UP TO
23.1
SEER2

UP TO
8.1
HSPF2-5

HEATING
PERFORMANCE
DOWN TO
-25°C



Technical specifications

-25°C



HEAT PUMP SYSTEM			18,000 BTU	27,000 BTU	36,000 BTU	48,000 BTU
Indoor model			According to combination	According to combination	According to combination	According to combination
Outdoor model			EXHSA1832AN1	EXHSA2742AV1	EXHSA3652AV1	EXHSA4862AV1
HEAT ⁺ Technology			NO	NO	NO	NO
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Cooling	Capacity (range)		18,000 (5,400-21,600)	27,000 (7,200-32,000)	36,000 (9,000-42,000)	47,000 (12,000-55,000)
	EER2 Non-Ducted		12.5	12.2	12	11.7
	EER2 Ducted		12	12	11.7	12
	EER2 Mixed Ducted & Non-Ducted		12.25	12.1	11.85	11.85
	SEER2 Non-Ducted		23	23	23.1	21.3
	SEER2 Ducted		20	21	20	20.4
	SEER2 Mixed Ducted & Non-Ducted		21.5	22	21.55	20.85
Heating	Capacity (range)		19,000 (5,700-21,600)	27,000 (8,400-27,000)	37,000 (10,000-37,000)	48,000 (13,000-51,000)
	COP at 8.3°C		2.3	3.6	3.5	3.9
	HSPF2 Region V (Region IV) Non-Ducted		7.7 (10)	7.1 (9.5)	7.5 (10)	7.7 (10)
	HSPF2 Region V (Region IV) Ducted		7.8 (10)	7 (9)	7.4 (9.2)	8.1 (10.6)
	HSPF2 Region V (Region IV) Mixed Ducted & Non-Ducted		7.75 (10)	7.05 (9.25)	7.45 (9.6)	7.9 (10.3)
Max. fuse/breaker		A	20	25	35	45
Compressor type			Twin-Rotary	Rotary	Rotary	Rotary
Outdoor noise level		dB (A)	60	61	63	65
Outdoor unit	Dimension (W*D*H)	in	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48
		mm	890x342x673	946x410x810	946x410x810	952x415x1333
	Net/Gross weight	lb	100.53/109.35	138.89/149.69	168.87/180.12	222/254.19
		kg	45.6/49.6	63/67.9	76.6/81.7	100.7/115.3
Outdoor refrigerant charge		kg	1,75	2,4	3,42	4,2
		oz	61,73	84,66	120,63	148,15
Refrigerant piping	Liquid side	in (mm)	3x1/4 (3x6.35)	4x1/4 (4x6.35)	5x1/4 (5x6.35)	6x1/4 (6x6.35)
	Gas side	in (mm)	3x3/8 (3x9.52)	3x3/8+1x1/2 (3x9.52+1x12.7)	4x3/8+1x1/2 (4x9.52+1x12.7)	4x3/8+2x1/2 (4x9.52+2x12.7)
Outdoor	Outdoor temperature range of operation (cooling)		-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)
	Outdoor temperature range of operation (heating)		-25-24 (-13-75)	-25-24 (-13-75)	-25-24 (-13-75)	-25-24 (-13-75)
Refrigerant			R454B	R454B	R454B	R454B
ENERGY STAR® V6.1			✓	✓	✓	✓
ENERGY STAR® V6.1 Cold Climate			✓	✓	✓	✓

Product specifications may change without notice.

Performance at standard test conditions.

The ENERGY STAR® name and the ENERGY STAR symbol are trademarks registered in Canada by the United States Environmental Protection Agency.



Wall mounted units EMC

HEAT PUMP SYSTEM			6,000 BTU	9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor model			EWHMA06C2AS1	EWHMA09C2AS1	EWHMA12C2AS1	EWHMA18C2AS1	EWHMA24C2AS1
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Refrigerant piping	Liquid side	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	9.52 (3/8)
	Gas side	in (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
Indoor air flow (Turbo/Hi/Mi/Lo/Si)		CFM	294.3/235.4/176.6/141.3/(n/a)	382.6/294.3/194.2/153/(n/a)	382.6/294.3/194.2/153/(n/a)	759.3/500.3/441.4/370.8/(n/a)	759.3/588.6/459.1/382.6/(n/a)
Indoor unit	Dimension W*D*H	inch	28.70x7.87x11.50	31.57x7.87x11.61	31.57x7.87x11.61	42.60x9.21x13.27	42.60x9.21x13.27
		mm	729x200x292	802x200x295	802x200x295	1082x234x337	1082x234x337
	Net/Gross weight	lb	17.64/23.15	18.96/24.25	18.96/24.25	30.42/39.68	30.86/40.56
		kg	8/10.5	8.6/11	8.6/11	13.8/18	14.0/18.4

Product specifications may change without notice.
Performance at standard test conditions.

Ductable units

HEAT PUMP SYSTEM			9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor model			GDHRA09C2AS1	GDHRA12C2AS1	GDHRA18C2AS1	GDHRA24C2AS1
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Refrigerant piping	Liquid side	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	9.52 (3/8)
	Gas side	in (mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
Indoor air flow (Turbo/Hi/Mi/Lo/Si)		CFM	344.3/288.4 / 230.7/200.7/121.8	419.1/350.2 / 256/216/135.4	706.3/618 / 529.7/441.4/(n/a)	853.5/706.3 / 618/500.3/(n/a)
Indoor unit	Dimension W*D*H	inch	27.56x29.53x9.65	27.56x29.53x9.65	39.37x29.53x9.65	39.37x29.53x9.65
		mm	700x750x245	700x750x245	1000x750x245	1000x750x245
	Net/Gross weight	lb	64.15/73.85	64.15/73.85	79.81/91.27	80.47/91.93
		kg	29.1/33.5	29.1/33.5	36.2/41.4	36.5/41.7

Product specifications may change without notice.
Performance at standard test conditions.

Four way cassettes

HEAT PUMP SYSTEM			9,000 BTU	12,000 BTU	18,000 BTU	24,000 BTU
Indoor model			GKHRA09C2AS1	GKHRA12C2AS1	GKHRA18C2AS1	GQHRA24C2AS1
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Refrigerant piping	Liquid side	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)	9.52 (3/8)
	Gas side	in (mm)	3/8 (9.52)	3/8 (9.52)	1/2 (12.7)	5/8 (15.9)
Indoor air flow (Turbo/Hi/Mi/Lo/Si)		CFM	353.2/312/264.9/182.5/147.2	417.9/364.9/306.1/194.2/147.2	447.3/388.5/317.8/194.2/147.2	765.2/706.3/635.7/547.4/(n/a)
Indoor unit	Dimension W*D*H	inch	22.44x22.44x9.65	22.44x22.44x9.65	22.44x22.44x9.65	32.68x32.68x8.07
		mm	570x570x245	570x570x245	570x570x245	830x830x205
	Net/Gross weight	lb	35.27/41.89	35.27/41.89	35.27/41.89	47.18/59.08
		kg	16/19	16/19	16/19	21.4/26.8

Product specifications may change without notice.
Performance at standard test conditions.

One way cassette

HEAT PUMP SYSTEM			12,000 BTU	18,000 BTU	Console 12,000 BTU
Indoor model			GOHRA12C2AS1	GOHRA18C2AS1	GFHRA12C2AS1
Power supply		V/Ph/Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz	208-230V/1Ph/60Hz
Refrigerant piping	Liquid side	in (mm)	1/4 (6.35)	1/4 (6.35)	1/4 (6.35)
	Gas side	in (mm)	3/8 (9.52)	1/2 (12.7)	3/8 (9.52)
Indoor air flow (Turbo/Hi/Mi/Lo/Si)		CFM	353.2/312/282.5/247.2/176.6	400.2/352/300.2/207.2/(n/a)	441.4/376.7/323.7/188.4/129.5
Indoor unit	Dimension W*D*H	inch	50.31x13.19x8.98	50.31x13.19x8.98	31.26x7.87x24.45
		mm	1278x335x228	1278x335x228	794x200x621
	Net/Gross weight	lb	45.19/82.45	45.19/82.89	32.85/41.89
		kg	20.5/37.4	20.5/37.6	14.9/19

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Performance at standard test conditions.

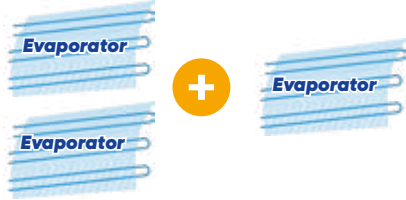
Versatile comfort for every room

Versatile and functional, e-Multi systems provide customizable comfort in every room of your home. Ideal delivering the right temperature for every room. e-Multi systems allow for independent control of up to 6 indoor units from a single outdoor unit. Choose ductless, ducted or both with 5 indoor unit styles to suit your particular needs, style or home layout.



Flexible combinations

R454B 18K

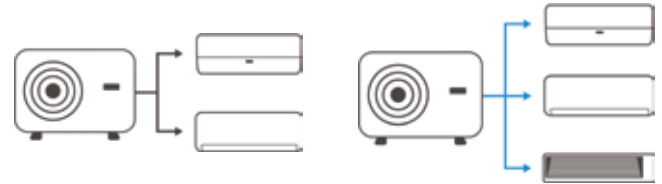


Adding an additional evaporator expands the heat exchange area, resulting in improved efficiency.

Higher efficiency & capacity up to 25 SEER2

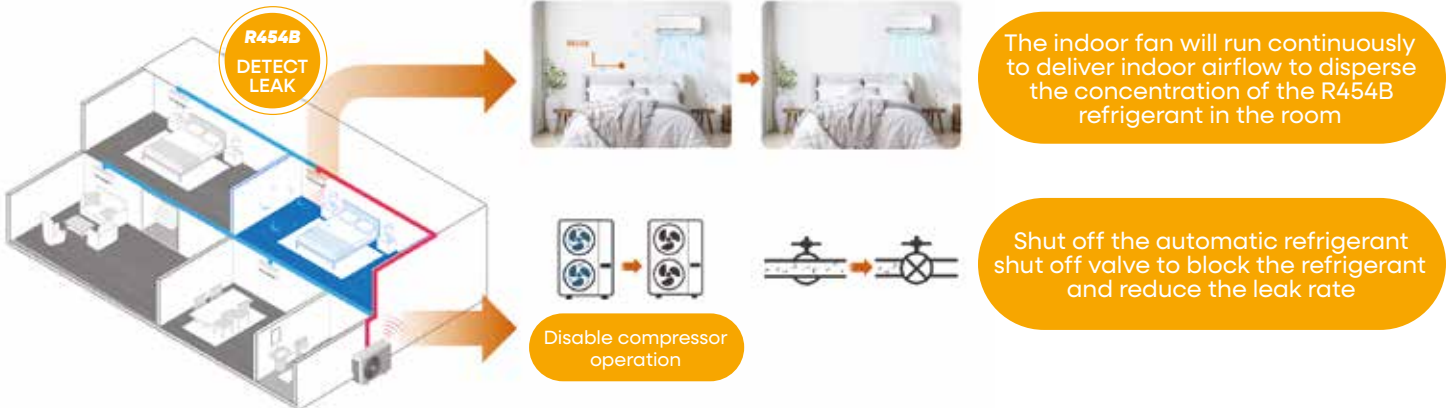
R410A 18K

R454B 18K



Adding an additional port gives users more flexibility to select their preferred indoor units.

Refrigerant leak detection for user & system safety



Stress-Free Performance

Elios systems include a 1-year limited warranty on parts and a 5-year warranty on the compressor. An optional 10-year warranty covering both parts and compressor is available, offering additional peace of mind and reliability assurance.



Elios HVAC products are supported by The Master Group, Canada's largest independently-owned HVAC-R distributor. The Master Group has always distinguished itself by its extensive inventory, technical expertise and exceptional customer service.



Authorized Canadian Independent Contractor

