



elios

DUCTABLE HEAT PUMPS, CEILING
CASSETTES OR FLOOR CONSOLES

eMATCH -25°C
UP TO 23 SEER



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

Optional



HEATING
-25°C



TECHNICAL SPECIFICATIONS

DOWN TO -25°C



CEILING CASSETTES							
HEAT PUMP SYSTEM		9,000 BTU*	12,000 BTU*	18,000 BTU*	24,000 BTU	36,000 BTU	48,000 BTU
Indoor model		DM09HICU230X5	DM12HICU230X5	DM18HICU230X5	DM24HICU230X5	DM36HICU230X5	DM48HICU230X5
Outdoor model		DE09HOS23230E2	DE12HOS23230E2	DE18HOS23230E2	DE24HOS23230E2	DE36HOS18230S5	DE48HOS18230S5
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
Cooling	Capacity BTU/h	9,000	12,000	18,000	24,000	36,000	48,000
	EER BTU/Wh	13.0	14.0	12.5	12.5	9.0	9.5
	SEER BTU/Wh	20	21.5	20	20	17.5	16.8
Heating	Capacity BTU/h	10,000	12,000	18,000	24,400	38,000	50,000
	COP W/W	3.22	3.7	3.22	3.22	3.01	3.10
	HSPF (Region 4) BTU/Wh	10.5	10.5	10.3	10.5	10.5	11.0
Max. fuse (A)		15	15	20	25	50	50
Indoor air flow (Hi/Med/Low) (no duct) m³/h		635/511/437	644/525/443	951/821/705	1189/1082/974	1861/1628/1375	2000/1750/1450
Indoor air flow (Hi/Med/Low) (no duct) CFM		374/301/257	379/309/261	560/483/415	700/636/573	1095/958/809	1177/1030/853
Indoor noise level (Hi/Med/Low) dB(A)		41/37/33	43/39/36	44/39/36	51/47/43	55/52/49	55/52/49
Indoor model	Width x Depth x Height mm (in)	570x570x260 (22.44x22.44x10.24)	570x570x260 (22.44x22.44x10.24)	570x570x260 (22.44x22.44x10.24)	840x840x205 (33.07x33.07x8.07)	840x840x245 (33.07x33.07x9.65)	840x840x287 (33.07x33.07x11.3)
	Net/Gross weight kg (lbs)	14.5/17.3 (31.97/38.14)	16/18.6 (35.27/41)	16.1/18.7 (35.49/41.23)	21/24.6 (46.3/54.23)	26.4/30 (58.2/66.14)	28.7/32.9 (63.27/72.53)
Controller		remote control	remote control	remote control	remote control	remote control	remote control
Room temperature	Cooling °C (°F)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)
	Heating °C (°F)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)
Compressor type		rotary	rotary	rotary	rotary	rotary	rotary
Outdoor noise level dB(A)		55	55	60	61	66	62.5
Outdoor model	Width x Depth x Height mm (in)	770x300x555 (30.31x11.81x21.85)	800x333x554 (31.5x13.11x21.81)	845x363x702 (33.27x14.29x27.64)	946x410x810 (37.24x16.14x31.89)	946x410x810 (37.24x16.14x31.89)	952x415x1333 (37.48x16.34x52.48)
	Net/Gross weight kg (lbs)	28 (61.73)	34.8 (76.72)	48.5 (106.92)	62 (136.69)	67.4 (148.59)	98.6 (217.4)
Refrigerant precharge in		25	25	25	25	25	25
Refrigerant piping	Liquid side, Gas side in	1/4", 3/8"	1/4", 1/2"	1/4", 1/2"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"
	Max. refrigerant pipe length m (ft)	25 (82)	25 (82)	30 (98)	50 (164)	65 (213)	65 (213)
	Max. height difference m (ft)	10 (33)	10 (33)	20 (66)	25 (82)	30 (98)	30 (98)
Operating temperature range	Cooling °C (°F)	-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)	-20-50 (-4-122)	-20-50 (-4-122)
	Heating °C (°F)	-25-30 (-13-86)	-25-30 (-13-86)	-25-30 (-13-86)	-25-30 (-13-86)	-20-30 (-4-86)	-20-30 (-4-86)

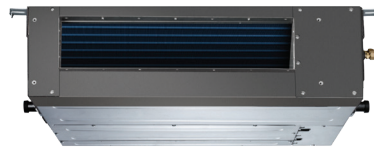


DUCTABLE UNITS							FLOOR CONSOLE
9,000 BTU*	12,000 BTU*	18,000 BTU*	24,000 BTU*	36,000 BTU	48,000 BTU	60,000 BTU	12,000 BTU
DM09HIDU230X5	DM12HIDU230X5	DM18HIDU230X5	DM24HIDU230X5	DM36HIDU230X5	DM48HIDU230X5	DM60HIDU230X5	DM12HIFU230X5
DE09HOS23230E2	DE12HOS23230E2	DE18HOS23230E2	DE24HOS23230E2	DE36HOS18230E5	DE48HOS18230E5	DE60HOS18230S5	DE12HOS23230E2
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
9,000	12,000	18,000	24,000	36,000	48,000	57,000	12,000
13.5	12.5	12.5	12.5	9.0	9.2	10	13.7
20.5	21.5	19	21	16.5	17.4	18	22.7
10,000	12,000	18,000	24,400	40,000	49,500	62,000	12,000
3.37	3.29	3.14	3.52	3.37	3.52	3.6	3.53
11.5	11.5	10.5	11	11.5	10.3	9.0	11
15	15	20	25	50	50	50	15
600/480/300	600/480/300	900/765/630	1320/1180/740	1840/1550/1195	2090/1755/1215	3665/2906/2145	N/A
353/283/177	353/283/177	530/450/371	776/694/435	1082/912/703	1229/1032/715	2157/1710/1262	321/276/201
38/25/32	38/26/33.5	39/37/35	44/41/38	45.5/42/39	50.5/47/43	50.5/47/43	48/46/37
700/450/200 (27.56x17.72x7.87)	700/450/200 (27.56x17.72x7.87)	880x674x210 (34.65x28.53x8.27)	1100x774x249 (43x30x10)	1360x774x249 (54x30x10)	1200x874x300 (47.24x34.41x11.81)	1400/858/440 (55.12/33.78/17.32)	700x600x210 (27.56x23.62x8.27)
17.7/219 (37.5/48.3)	17.7/219 (37.5/48.3)	24.5/30 (54/66)	39.4/46.7 (87/103)	48.3/55.5 (106/122)	54.3/64.3 (120/142)	74/86 (163.1/189.6)	33.95/44.31 (lbs)
wired	wired	wired	wired	wired	wired	wired	remote control
17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)	17-32 (62-90)
0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)	0-30 (32-86)
rotary	rotary	rotary	rotary	rotary	rotary	rotary	rotary
55	55	60	61	66	62.5	65	55
770x300x555 (30.31x11.81x21.85)	800x333x554 (31.5x13.11x21.81)	845x363x702 (33.27x14.29x27.64)	946x410x810 (37.24x16.14x31.89)	946x410x810 (37.24x16.14x31.89)	952x415x1333 (37.48x16.34x52.48)	952x415x1333 (37.48x16.34x52.48)	800x333x554 (31.5x13.11x21.81)
28 (61.73)	34.8 (76.72)	48.5 (106.70)	62 (136.69)	67.4 (148.59)	98.6 (217.4)	102.1 (224.9)	34.8 (76.72)
25	25	25	25	25	25	25	25
1/4", 3/8"	1/4", 1/2"	1/4", 1/2"	3/8", 5/8"	3/8", 5/8"	3/8", 5/8"	3/8", 3/4"	1/4", 1/2"
25 (82)	25 (82)	30 (98)	50 (164)	65 (213)	65 (213)	65 (213)	25 (82)
10 (33)	10 (33)	20 (66)	25 (82)	30 (98)	30 (98)	30 (98)	10 (33)
-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)	-25-50 (-13-122)	-20-50 (-4-122)	-20-50 (-4-122)	-20-50 (-4-122)	-25-50 (-13-122)
-25-30 (-13-86)	-25-30 (-13-86)	-25-30 (-13-86)	-25-30 (-13-86)	-20-30 (-4-86)	-20-30 (-4-86)	-20-30 (-4-86)	-25-30 (-13-86)

Discreet performance

The e-Match series is the ideal solution when performance, discretion, flexibility and versatility are the main criteria for selecting a comfort system. It offers great flexibility with its discreet indoor units adapted for a variety of architectural environments:

Ductable: This very discreet unit can be installed in a suspended ceiling if simplicity and tranquility are important elements to consider when designing your system.



Cassette: Designed to fit between roof joists, this unit is ideal for more confined spaces such as corridors or split levels because it is equipped with four-way directional shutters ensuring maximum air dispersion to achieve a balanced temperature throughout the area.



Floor console: The design of this unit is similar to that of a convector. Some people will choose the floor console for aesthetic reasons, or very often because of architectural considerations.



Guaranteed well-being for many years

Elios heat pumps are covered by a 1-year limited parts and 5-year compressor warranty. An optional 10-year parts and compressor warranty is also available.



OR



Optional

Optimize your comfort with optional accessories

- Wi-Fi control: Control your system wherever you are
- Wired wall control



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