Discover effortless warmth.

Heat pumps

Explore our curated heat pump range.

Every detail carefully considered. A collection shaped around performance, usability, design and value, so you can simply enjoy the moment.

Live LUX.

AVALUX POOL CO.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

Conditions	Metric	Unit	AL9	AL13	AL19	AL24	AL28	AL28T	AL35T
Air 27°C Water 26°C	Heating Capacity	kW	1.5 ~ 9.0	2.0 ~ 12.8	2.7 ~ 18.9	2.9 ~ 23.8	4.6 ~ 27.7	5.2 ~ 27.7	5.7 ~ 34.7
	Consumed Power	kW	0.1 ~ 1.3	0.2 ~ 1.8	0.2 ~ 2.7	0.2 ~ 3.3	0.4 ~ 4.0	0.4 ~ 3.9	0.3 ~ 5.1
	COP		15.2 ~ 6.9	15.2 ~ 6.9	15.3 ~ 6.8	16.1 ~ 7.1	16.3 ~ 6.7	16.4 ~ 7.0	16.4 ~ 6.7
Air 15°C Water 26°C	Heating Capacity	kW	0.9 ~ 6.3	1.7 ~ 8.6	2.3 ~ 11.8	4.2 ~ 17.7	5.8 ~ 20.5	6.0 ~ 20.3	6.3 ~ 23.2
	Consumed Power	kW	0.1 ~ 1.3	0.3 ~ 1.8	0.3 ~ 2.4	0.5 ~ 3.4	0.7 ~ 4.0	0.8 ~ 3.8	0.8 ~ 4.6
	COP		7.7 ~ 4.9	6.9 ~ 4.8	8.0 ~ 5.0	8.1 ~ 5.2	8.0 ~ 5.1	8.0 ~ 5.3	8.1 ~ 5.1
Air 35°C Water 29°C	Cooling Capacity	kW	1.8 ~ 3.0	2.4 ~ 3.4	4.2 ~ 7.3	4.7 ~ 11.7	5.5 ~ 13.4	5.5 ~ 13.5	5.8 ~ 14.3
	Consumed Power	kW	0.7 ~ 1.2	0.8 ~ 1.1	1.2 ~ 2.3	1.4 ~ 3.9	1.7 ~ 4.6	1.7 ~ 4.7	1.9 ~ 5.1
	EER		2.7 ~ 2.5	3.1 ~ 3.0	3.4 ~ 3.2	3.4 ~ 3.0	3.3 ~ 2.9	3.3 ~ 2.9	3.1 ~ 2.8

Technical Specifications

	Specification	Unit	AL9	AL13	AL19	AL24	AL28	AL28T	AL35T
General	Operating Air Temperature	°C				-7~43			
	Refrigerant					R32			
	IPX rating					IPX4			
	Airflow	m³/h	2,470	2,850	3,563	5,035	5,035	4,275	4,275
	Sound Pressure at 1m	dB(A)	40~52	42~54	44~56	45-56	45-58	45-57	45-60
	Net Dimensions (L × W × H)	mm	888 x 360 x 618	888 x 360 x 618	1048 × 450 × 770	1160 × 490 × 862	1160 × 490 × 862	1160 × 490 × 862	1160 × 490 × 862
	Shipping Dimensions (L × W × H)	mm	970 × 410 × 630	970 × 410 × 630	1130 × 480 × 780	1210 × 510 × 880	1210 × 510 × 880	1210 × 510 × 880	1210 × 510 × 880
	Net / Shipping Weight	kg	51 / 57	54 / 60	67 / 74	78 / 88	100 / 117	103 / 120	130 / 153
Power	Power Supply	V/Ph/Hz	230-240/1/50					400-415/3N/50	
	Max Input Current (per phase)	A	9.9	10.6	15.7	22.5	23.9	10.2	11.7
Fan	Direction		Horizontal						
	Quantity		1	1	1	1	1	1	1
	Rotate Speed	RPM	500 ~ 700	500 ~ 850	500 ~ 750	400 ~ 800	400 ~ 800	400 ~ 800	400 ~ 800
Water	Connection	mm				40			
	Min Water Flow	L/min	42	58	70	110	135	135	160
	Pressure Drop (max)	kPa	2.8	3.0	6.0	14.0	17.0	17.0	20.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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Heat pump

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For exceptional energy performance

Quietly sophisticated. Dependable performance, intelligent features and modern design, without the premium price tag.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL9

Conditions	Metric	Unit	AL9
Air 27°C Water 26°C	Heating Capacity	kW	1.5 ~ 9.0
	Consumed Power	kW	0.1 ~ 1.3
	COP		15.2 ~ 6.9
Air 15°C Water 26°C	Heating Capacity	kW	0.9 ~ 6.3
	Consumed Power	kW	0.1 ~ 1.3
	COP		7.7 ~ 4.9
Air 35°C Water 29°C	Cooling Capacity	kW	1.8 ~ 3.0
	Consumed Power	kW	0.7 ~ 1.2
	EER		2.7 ~ 2.5

Technical Specifications

	Specification	Unit	AL9
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	2,470
	Sound Pressure at 1m	dB(A)	40~52
	Net Dimensions (L × W × H)	mm	888 × 360 × 618
	Shipping Dimensions (L × W × H)	mm	970 × 410 × 630
	Net / Shipping Weight	kg	51 / 57
Power	Power Supply	V/Ph/Hz	230-240/1/50
	Max Input Current (per phase)	A	9.9
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	500 ~ 700
Water	Connection	mm	40
	Min Water Flow	L/min	42
	Pressure Drop (max)	kPa	2.8

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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Slip into perfect comfort.

Heat pump

Explore our AL13 model.

For efficient comfort in every season

Effortless by design. Comfort and reliability that are simply there when you need them, so your pool gives more back than it asks.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL13

Conditions	Metric	Unit	AL13
Air 27°C Water 26°C	Heating Capacity	kW	2.0 ~ 12.8
	Consumed Power	kW	0.2 ~ 1.8
	COP		15.2 ~ 6.9
Air 15°C Water 26°C	Heating Capacity	kW	1.7 ~ 8.6
	Consumed Power	kW	0.3 ~ 1.8
	COP		6.9 ~ 4.8
Air 35°C Water 29°C	Cooling Capacity	kW	2.4 ~ 3.4
	Consumed Power	kW	0.8 ~ 1.1
	EER		3.1 ~ 3.0

Technical Specifications

	Specification	Unit	AL13
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	2,850
	Sound Pressure at 1m	dB(A)	42~54
	Net Dimensions (L × W × H)	mm	888 x 360 x 618
	Shipping Dimensions (L × W × H)	mm	970 × 410 × 630
	Net / Shipping Weight	kg	54 / 60
Power	Power Supply	V/Ph/Hz	230-240/1/50
	Max Input Current (per phase)	A	10.6
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	500 ~ 850
Water	Connection	mm	40
	Min Water Flow	L/min	58
	Pressure Drop (max)	kPa	3.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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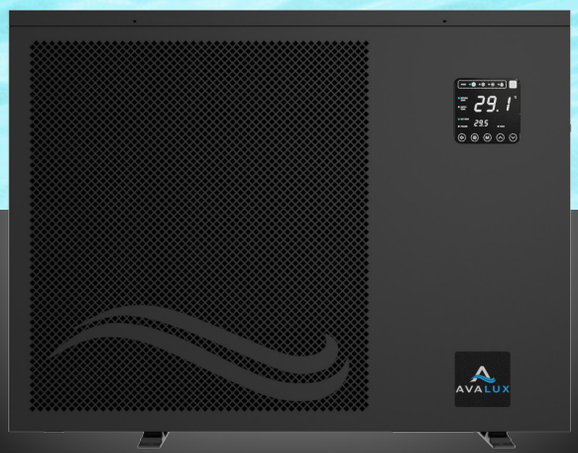
Perfect warmth.
Pure comfort.



Heat pump

Explore our AL19 model.

For intelligent inverter efficiency

Technology chosen for effectiveness. Intelligent inverter control works seamlessly in the background, so you can focus on the moment.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL19

Conditions	Metric	Unit	AL19
Air 27°C Water 26°C	Heating Capacity	kW	2.7 ~ 18.9
	Consumed Power	kW	0.2 ~ 2.7
	COP		15.3 ~ 6.8
Air 15°C Water 26°C	Heating Capacity	kW	2.3 ~ 11.8
	Consumed Power	kW	0.3 ~ 2.4
	COP		8.0 ~ 5.0
Air 35°C Water 29°C	Cooling Capacity	kW	4.2 ~ 7.3
	Consumed Power	kW	1.2 ~ 2.3
	EER		3.4 ~ 3.2

Technical Specifications

	Specification	Unit	AL19
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	3,563
	Sound Pressure at 1m	dB(A)	44~56
	Net Dimensions (L × W × H)	mm	1048 × 450 × 770
	Shipping Dimensions (L × W × H)	mm	1130 × 480 × 780
	Net / Shipping Weight	kg	67 / 74
Power	Power Supply	V/Ph/Hz	230-240/1/50
	Max Input Current (per phase)	A	15.7
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	500 ~ 750
Water	Connection	mm	40
	Min Water Flow	L/min	70
	Pressure Drop (max)	kPa	6.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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Sophistication in temperature.

Heat pump

Explore our AL24 model.

For lower running costs

Luxury measured by experience, not expense.
Lower running costs and year-round comfort,
beautifully easy to enjoy.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL24

Conditions	Metric	Unit	AL24
Air 27°C Water 26°C	Heating Capacity	kW	2.9 ~ 23.8
	Consumed Power	kW	0.2 ~ 3.3
	COP		16.1 ~ 7.1
Air 15°C Water 26°C	Heating Capacity	kW	4.2 ~ 17.7
	Consumed Power	kW	0.5 ~ 3.4
	COP		8.1 ~ 5.2
Air 35°C Water 29°C	Cooling Capacity	kW	4.7 ~ 11.7
	Consumed Power	kW	1.4 ~ 3.9
	EER		3.4 ~ 3.0

Technical Specifications

	Specification	Unit	AL24
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	5,035
	Sound Pressure at 1m	dB(A)	45-56
	Net Dimensions (L × W × H)	mm	1160 × 490 × 862
	Shipping Dimensions (L × W × H)	mm	1210 × 510 × 880
	Net / Shipping Weight	kg	78 / 88
Power	Power Supply	V/Ph/Hz	400-415/3N/50
	Max Input Current (per phase)	A	22.5
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	400 ~ 800
Water	Connection	mm	40
	Min Water Flow	L/min	110
	Pressure Drop (max)	kPa	14.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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Swim through spring and autumn.

Heat pump

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For warmth that goes the distance

Designed to endure. Refined by more than 35 years of experience and built to perform beautifully, season after season.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL28

Conditions	Metric	Unit	AL28
Air 27°C Water 26°C	Heating Capacity	kW	4.6 ~ 27.7
	Consumed Power	kW	0.4 ~ 4.0
	COP		16.3 ~ 6.7
Air 15°C Water 26°C	Heating Capacity	kW	5.8 ~ 20.5
	Consumed Power	kW	0.7 ~ 4.0
	COP		8.0 ~ 5.1
Air 35°C Water 29°C	Cooling Capacity	kW	5.5 ~ 13.4
	Consumed Power	kW	1.7 ~ 4.6
	EER		3.3 ~ 2.9

Technical Specifications

	Specification	Unit	AL28
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	5,035
	Sound Pressure at 1m	dB(A)	45-58
	Net Dimensions (L × W × H)	mm	1160 × 490 × 862
	Shipping Dimensions (L × W × H)	mm	1210 × 510 × 880
	Net / Shipping Weight	kg	100 / 117
Power	Power Supply	V/Ph/Hz	400-415/3N/50
	Max Input Current (per phase)	A	23.9
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	400 ~ 800
Water	Connection	mm	40
	Min Water Flow	L/min	135
	Pressure Drop (max)	kPa	17.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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Shared warmth made to last.

Heat pump

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For three phase efficiency

Warmth that brings family and friends together. Three phase efficiency, curated for the moments that matter most.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL28T

Conditions	Metric	Unit	AL28T
Air 27°C Water 26°C	Heating Capacity	kW	5.2 ~ 27.7
	Consumed Power	kW	0.4 ~ 3.9
	COP		16.4 ~ 7.0
Air 15°C Water 26°C	Heating Capacity	kW	6.0 ~ 20.3
	Consumed Power	kW	0.8 ~ 3.8
	COP		8.0 ~ 5.3
Air 35°C Water 29°C	Cooling Capacity	kW	5.5 ~ 13.5
	Consumed Power	kW	1.7 ~ 4.7
	EER		3.3 ~ 2.9

Technical Specifications

	Specification	Unit	AL28T
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	4,275
	Sound Pressure at 1m	dB(A)	45-57
	Net Dimensions (L × W × H)	mm	1160 × 490 × 862
	Shipping Dimensions (L × W × H)	mm	1210 × 510 × 880
	Net / Shipping Weight	kg	103 / 120
Power	Power Supply	V/Ph/Hz	400-415/3N/50
	Max Input Current (per phase)	A	10.2
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	400 ~ 800
Water	Connection	mm	40
	Min Water Flow	L/min	135
	Pressure Drop (max)	kPa	17.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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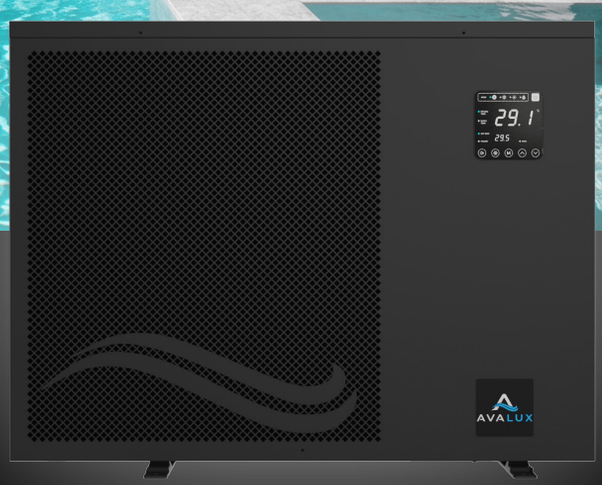

Heat pump

Explore our AL35T model.

For our most powerful performance

Our most powerful heat pump. Sophisticated performance for those who want more time in the water and less time managing it.

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Heat Pump Specifications

AVALUX AL Series

Performance Data

AL35T

Conditions	Metric	Unit	AL35T
Air 27°C Water 26°C	Heating Capacity	kW	5.7 ~ 34.7
	Consumed Power	kW	0.3 ~ 5.1
	COP		16.4 ~ 6.7
Air 15°C Water 26°C	Heating Capacity	kW	6.3 ~ 23.2
	Consumed Power	kW	0.8 ~ 4.6
	COP		8.1 ~ 5.1
Air 35°C Water 29°C	Cooling Capacity	kW	5.8 ~ 14.3
	Consumed Power	kW	1.9 ~ 5.1
	EER		3.1 ~ 2.8

Technical Specifications

	Specification	Unit	AL35T
General	Operating Air Temperature	°C	-7~43
	Refrigerant		R32
	IPX rating		IPX4
	Airflow	m³/h	4,275
	Sound Pressure at 1m	dB(A)	45-60
	Net Dimensions (L × W × H)	mm	1160 × 490 × 862
	Shipping Dimensions (L × W × H)	mm	1210 × 510 × 880
	Net / Shipping Weight	kg	130 / 153
Power	Power Supply	V/Ph/Hz	400-415/3N/50
	Max Input Current (per phase)	A	11.7
Fan	Direction		Horizontal
	Quantity		1
	Rotate Speed	RPM	400 ~ 800
Water	Connection	mm	40
	Min Water Flow	L/min	160
	Pressure Drop (max)	kPa	20.0

* Max run current rated at air 27°C/24.3°C; inlet water 26°C. Specifications subject to change without notice.

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