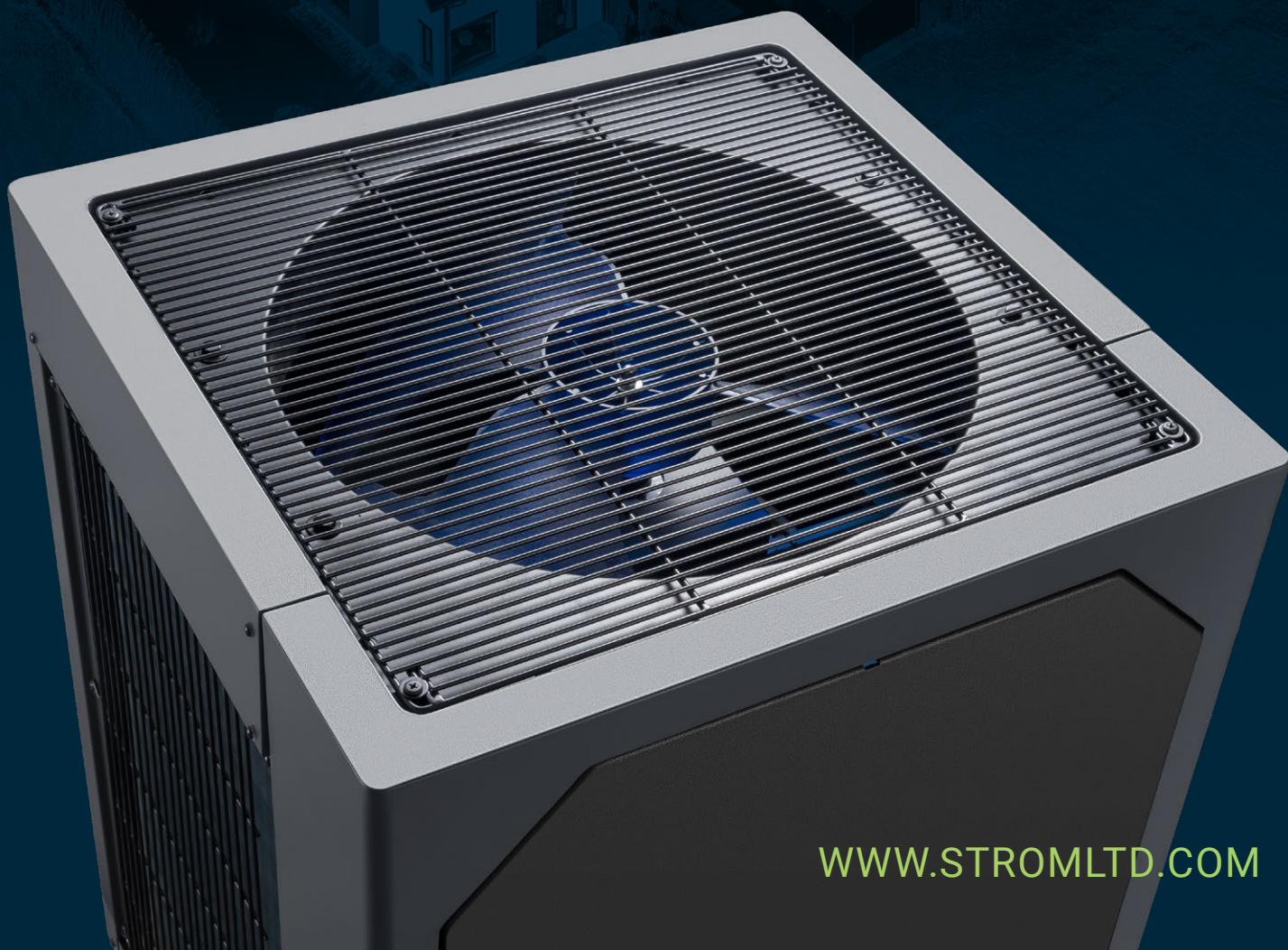


Heatpumps From A Fresh Perspective

Making Technology Work With No Limits



STROM
IT'S ALL IN THE DETAIL



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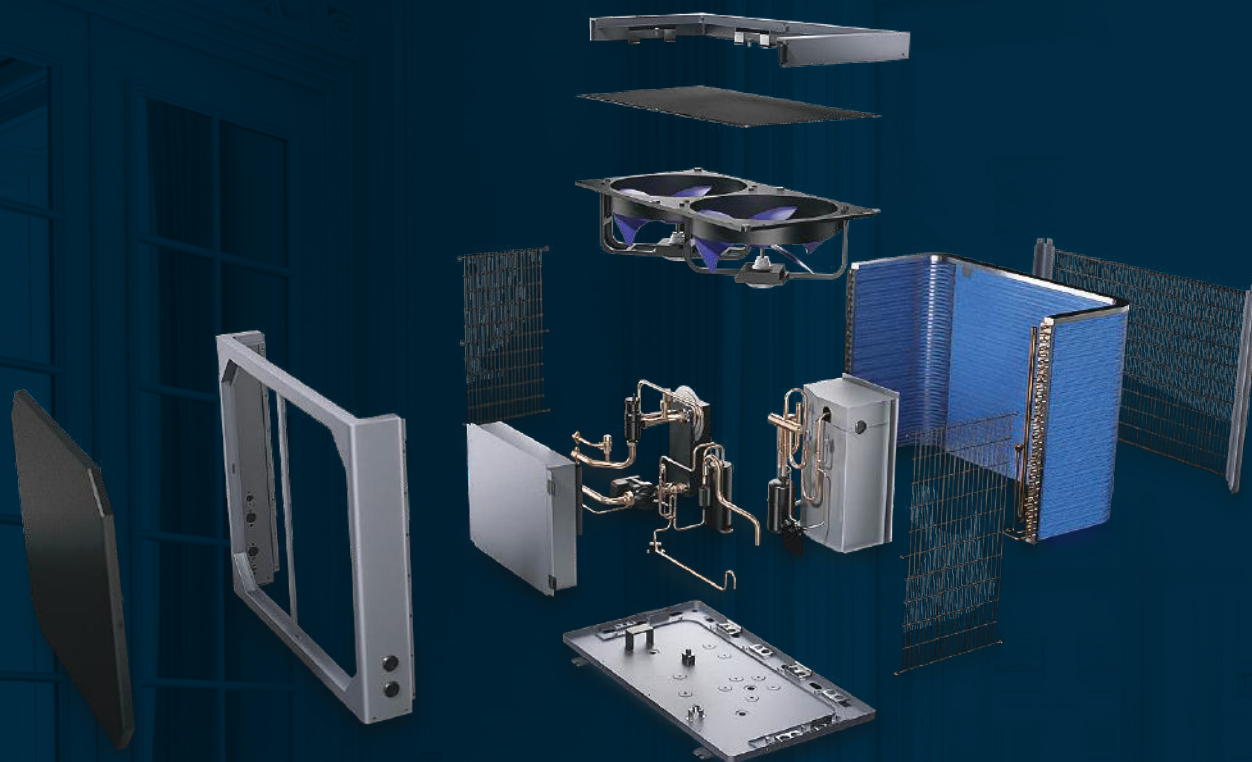
Don't Lose Your Garden...

2

AIRFLOW

Going green no longer means losing your garden. The Strom Vertex Monoblock Airsource Heatpump has been designed with airflow management in mind to ensure no matter where you are sat you can still enjoy your garden. By directing the airflow away from the garden it allows you to enjoy your outdoor space without cold draughts, damaged plants, or scattered debris. It may seem like a simple concept, but thats just one of the ways we are unique in the industry.





The Strom Benefit...

Unlike our competitors, we didn't take an existing product and rebadge it, we built it from the ground up to be simply better...

3

VERTICAL AXIS

The Strom Vertex range introduces a new era in heat pump installation. Featuring upward-firing fans, these units disperse cool air vertically, minimizing nuisance drafts. This design enhances efficiency and reduces perceived noise levels.

ADVANCED

Equipped with cutting edge features, including full remote monitoring, Smart Grid (SG) compatibility, over-the-air (OTA) updates, and 4G/Wi-Fi connectivity. We also include up to 12 months of free 4G data, making setup without Wi-Fi hassle-free & easy.

UNCOMPROMISING

Every component is engineered to the highest standards, using premium materials from industry leaders such as Sika, Danfoss, and Esbe. Each unit undergoes rigorous testing and is certified to meet the latest industry requirements.

EASY TO INSTALL

Installation is streamlined with a custom-designed wiring centre for indoor components and a single-wire connection between the outdoor unit and control centre. The heat pump includes an integrated circulation pump, de-gasser, and pressure relief valve—everything you need for a quick and efficient setup.

COMPREHENSIVE SUPPORT

Strom offers a complete support package for partners and installers, including in-house system design, technical support before and after installation, commissioning services, and on-site engineer assistance. We also provide a wide range of standard and bespoke pre-plumbed cylinder packages to suit any installation.

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	Model	5kW	7kW	9kW	12kW	15kW
	Product Code	VHP5	VHP7	VHP9	VHP12	VHP15
Dimensions	Product (HxWxD) mm	700x685x910	700x685x910	700x685x910	1130x680x935	1130x680x935
	Packaging (HxWxD) mm	790x765x1060	790x765x1060	790x765x1060	1220x728x1095	1220x728x1095
	Weight (Gross) Kg	138	144	147	187	211
	Weight (Net) Kg	107	113	116	143	166
Electrical Data	Rated Voltage	230V	230V	230V	230V	230V
	Fuse Type	C	C	C	C	C
	Recommended Breaker Size	25A	25A	25A	32A	32A
	Rated Current (Maximum)	16A	18A	21A	23A	32A
	IP Rating	IPX4	IPX4	IPX4	IPX4	IPX4
	Comms Cable Min. Size	5x0.25mm ²	5x0.25mm ²	5x0.25mm ²	5x0.25mm ²	5x0.25mm ²
	Comms Cable Max Length	15m	15m	15m	15m	15m
	Fan Power Consumption	60W	60W	60W	90W	90W
	Fan Quantity	1	1	1	2	2
	Fan Air Flow Maximum	5000m ³ /h	7000m ³ /h	9000m ³ /h	6000m ³ /h x 2	7500m ³ /h x 2
Hydraulic Connection	Heating Flow & Return (BSP)	1"	1"	1"	1"	1"
	Pressure Relief Valve (BSP)	1/2"	1/2"	1/2"	1/2"	1/2"
Heating Circuit	Min. Circuit Volume	40L	40L	60L	60L	100L
	Min. Operating Pressure	0.8bar	0.8bar	0.8bar	0.8bar	0.8bar
	Max Operating Pressure	3.0bar	3.0bar	3.0bar	3.0bar	3.0bar
	Outdoor Temp. Range	-25 to 43°C	-25 to 43°C	-25 to 43°C	-25 to 43°C	-25 to 43°C
	Min. Flow Temp (Heating)	20°C	20°C	20°C	20°C	20°C
	Max. Flow Temp (Heating)	75°C	75°C	75°C	75°C	75°C
	Min. Flow Temp (Cooling)	12°C	12°C	12°C	12°C	12°C
	Max. Flow Temp (Cooling)	25°C	25°C	25°C	25°C	25°C
	Minimum Flow Rate	0.572 lpm	0.8 lpm	1.0332 lpm	1.372 lpm	1.72 lpm
	Maximum Flow Rate	14.3 lpm	20 lpm	25.83 lpm	34.3 lpm	43 lpm
	Max. Power Heating Pump	30W	35W	45W	65W	70W
	Max Length Indoor to Outdoor	15m	15m	15m	15m	15m
	Pump Feed Pressure	10kPA	10kPA	10kPA	10kPA	10kPA
Refrigerant Circuit	Refrigerant Type	R290	R290	R290	R290	R290
	Refrigerant Charge	0.65Kg	0.75Kg	0.9Kg	1.1Kg	1.4Kg
	Global Warming Potential	3	3	3	3	3
	Co2 Equivalent	0.00195	0.00225	0.0027	0.0033	0.0042
	Expansion Valve Type	Electronic Expansion Valve				
	Compressor Type	Inverter Twin Rotary Compressor				
Noise Emissions (Heating) EN12102:EN14511	Sound Power A7/W55	57 db(A)	55 db(A)	53 db(A)	55 db(A)	61 db(A)
	Sound Pressure @ 1m A7/W55	42 db(A)	40 db(A)	39 db(A)	40 db(A)	46 db(A)
	Sound Pressure @ 3m A7/W55	32 db(A)	30 db(A)	29 db(A)	30 db(A)	36 db(A)
	Sound Pressure @ 5m A7/W55	28 db(A)	26 db(A)	25 db(A)	26 db(A)	32 db(A)
	Sound Power A7/W35	55 db(A)	53 db(A)	51 db(A)	53 db(A)	59 db(A)
	Sound Pressure @ 1m A7/W35	40 db(A)	38 db(A)	37 db(A)	38 db(A)	44 db(A)
	Sound Pressure @ 3m A7/W35	30 db(A)	28 db(A)	27 db(A)	28 db(A)	34 db(A)
	Sound Pressure @ 5m A7/W35	26 db(A)	24 db(A)	23 db(A)	24 db(A)	30 db(A)
Energy Efficiency	Scop @ 35	4.78	4.79	4.80	4.76	4.88
	Scop @ 55	3.61	3.62	3.60	3.61	3.71

