



## KEPLER NEXUS SERIES HEAT PUMP

### Kepler NEXUS SERIES – Smart, Efficient, and Space-Saving HVAC Solutions

The Kepler NEXUS SERIES is designed to deliver a perfect blend of high efficiency, space optimization, and affordability, making it an excellent choice for both residential and commercial applications. Engineered with advanced inverter heat pump technology, these systems ensure superior energy efficiency, enhanced comfort, and quieter operation compared to traditional HVAC units.

#### Features and Advantages

##### High Efficiency & Cost Savings

- With SEER2 ratings of up to 16.8, the Kepler NEXUS SERIES ensures optimized energy consumption, reducing utility costs while maintaining consistent indoor comfort.
- Inverter heat pump technology delivers better efficiency by adjusting output based on real-time demand, minimizing energy waste.

##### Designed for All Climates

- Built to perform efficiently even in extreme cold environments, ensuring reliable heating and cooling year-round.

##### Rebate Eligibility & Long-Term Reliability

- Qualified for Cold-climate rebate programs, making them an even more cost-effective investment.
- Backed by a 12-year parts warranty, these systems offer long-term durability and peace of mind.

##### Quiet & Comfortable Operation

- Engineered for a low noise level (DB as low as 61.5), these systems provide a peaceful indoor and outdoor environment.
- Advanced climate control ensures consistent and precise temperature regulation, eliminating uncomfortable fluctuations.

##### Space-Saving & Versatile Installation

- The low-profile, side-discharge outdoor unit is perfect for compact spaces where traditional bulky cube-style units are impractical.
- Seamless integration with ducted solutions makes it a great option for both residential and commercial applications.

### Upgrade to Smarter, More Efficient Climate Control

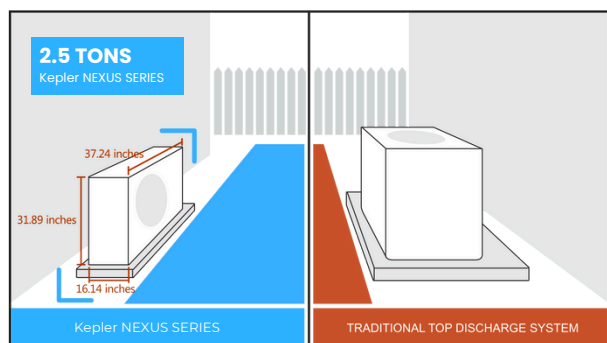
The Kepler NEXUS SERIES is more than just an HVAC system—it's a modern, high-performance solution that prioritizes efficiency, comfort, and space optimization. Whether you need an affordable yet powerful system or a premium model that adapts to extreme conditions, Kepler NEXUS offers the perfect balance of innovation and value.

# Kepler NEXUS SERIES Heat Pump

Capacity		1.5 TON	2 TON	2.5 TON	3 TON	4 TON	5 TON	
Indoor		AZPN/B24WAC	AZPN/B24WAC	AZPN/C36WAC	AZPN/C36WAC	AZPN/C48WAC	AZPN/D60WAC	
Outdoor		AZPNS/18ROD	AZPNS/24ROD	AZPNS/30ROD	AZPNS/36ROD	AZPNS/48ROD	AZPNS/60ROD	
Power supply (Outdoor)		V- Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	
Cooling (Standard conditions)	Capacity (range)	Btu/hr	18000(5800~18600)	24000(9800~28200)	30000(8000~33000)	36000(8000~38000)	48000(12000~48000)	53000(13000~55000)
	Input	W	1770(250~1890)	2400(380~2990)	2950(520~3780)	3875(520~4150)	5650(540~5330)	5874(550~6260)
	Current	A	7.39(1.0~8.0)	9.0(1.0~12.0)	12(2.4~16)	16.85(2.26~18)	22.3(3~22.5)	23.8(2.2~25.3)
	EER2	Btu/hr/W	10.2	10.0	10.2	9.3	8.6	9
	SEER2	Btu/hr/W	15.6	16.0	14.9	14.4	14.3	15.2
Heating (Standard conditions)	Capacity (range)	Btu/hr	18500(6500~19800)	25600(9700~31000)	31000(8000~34000)	35000(8000~40000)	51000(11000~54000)	54000(15000~63000)
	Input	W	1705(480~2100)	2246(510~3000)	2650(550~3000)	3216(600~3100)	5150(710~5580)	5050(790~5900)
	Current	A	7.64(2.0~11.0)	8.5(2.0~12.0)	10.5(2.6~12.5)	13.98(2.61~13.5)	22(3.6~22.5)	20(4.13~25)
	COP	W/W	3.18	3.34	3.32	3.19	2.90	3.13
	HSPF4	Btu/hr/W	8.6	9.8	9.3	8	8.3	8.5
HSPF5	Btu/hr/W	6.9	8.0	7.1	6.2	6.6	6.6	
Heating(H42) 5F(-15°C)	Rated capacity	Btu/hr	10400	18500	19000	20800	28000	32000
	COP	W/W	1.94	2.20	1.81	1.9	1.8	1.9
	capability ratio	%	56.22	72.27	61.29	59.43	56.86	60.38
Throttle type		/	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV
Indoor unit	Dimension(W*D*H)	mm	445x533x457	445x533x457	533x533x609	533x533x609	533x533x609	622x533x711
	Dimension(W*D*H)	inch	17.52x20.98x17.99	17.52x20.98x17.99	20.98x20.98x23.98	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Packing (W*D*H)	mm	505x650x490	505x650x490	595x650x645	595x650x645	595x650x645	690x650x745
	Packing (W*D*H)	inch	19.88x25.59x19.29	19.88x25.59x19.29	23.43x25.59x25.39	23.43x25.59x25.39	23.43x25.59x25.39	27.17x25.59x29.33
	Net/Gross weight	kg	19.4/23.6	19.4/23.6	30.2/35	30.2/35	30.2/35	39.3/44.6
	Net/Gross weight	lb	42.77/52.03	42.77/52.03	66.58/77.16	66.58/77.16	66.58/77.16	86.64/98.33
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	16	19	20	24	34	34
MAX. FUSE(Outdoor)		A	20	30	35	40	50	60
Outdoor noise level		dB(A)	58	61.5	63	61.5	63	65
Throttle type		/	EEV for heating	EEV for heating	EEV for heating	EEV for heating	EEV for heating	EEV for heating
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
	Dimension(W*D*H)	inch	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Packing (W*D*H)	inch	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross weight	kg	34.4/36.9	46.4/49.5	64.3/68.7	68.8/73.1	98.7/112.8	98.5/112.7
	Net/Gross weight	lb	75.84/81.35	102.29/109.13	141.76/151.46	151.68/161.16	217.59/248.68	217.15/248.46
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A
Rebate Qualified			NO	YES	NO	NO	NO	NO

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

## Compact size fits any space



Thinner design and lighter weight provides unmatched flexibility to fit in any unique home space.

THE KEPLER NEXUS SERIES IS BACKED BY A 12-YEAR PARTS LIMITED WARRANTY\* AND A 12-YEAR COMPRESSOR LIMITED WARRANTY\*



\*For full warranty details, please visit your local dealer/contractor or check our website at [www.kepler-canada.com](http://www.kepler-canada.com). To qualify for the 12-Year Limited Warranty, online registration must be completed within 60 days of installation.



Website: [www.kepler-canada.com](http://www.kepler-canada.com)  
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