



KEPLER Family of Inverter Heat Pumps

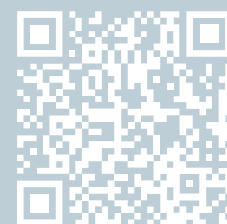


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Enhance
Your Home
Elevate
Your Comfort



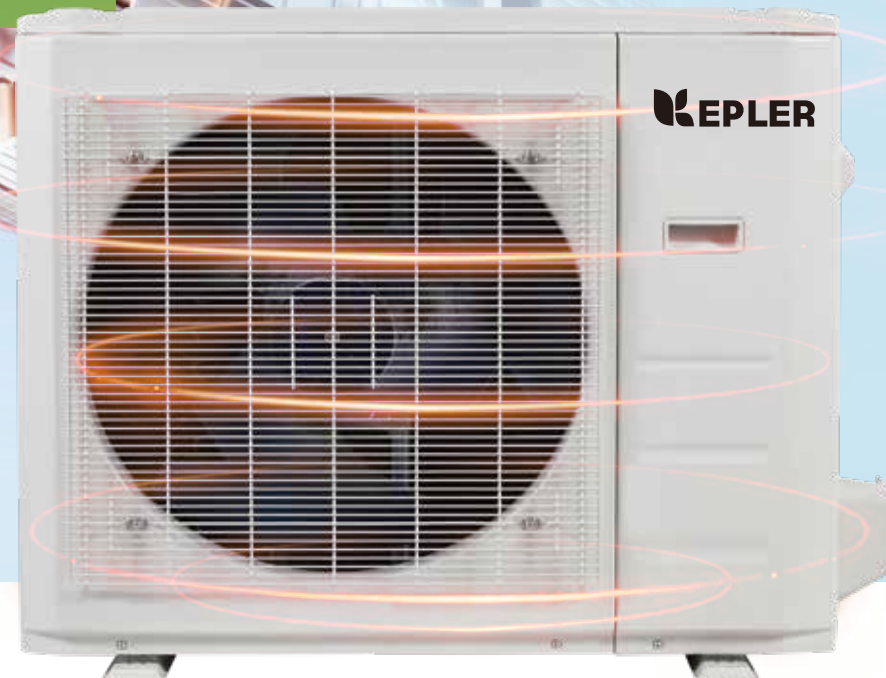
THE DRIVING FORCE TO

Stability in Low Ambient Conditions



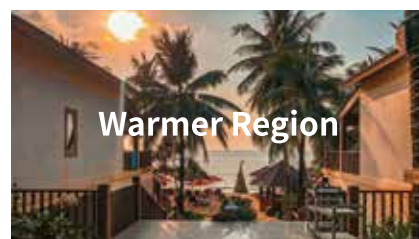
Thermal Drive Heating Belt

This belt heats up the compressor oil right before turning it on, making sure the compressor starts quickly and smoothly.



We Provide Energy Star® Qualified Heating Solutions

For All Climate Conditions



Warmer Region

→ KEPLER Inverter Heat Pump



Cooler Region

→ KEPLER Inverter Heat pump + Auxiliary Heater



THE FUTURE

INVERTER HEAT PUMP

100% Heating Output down to -15°C with cop up to 2.0

-30°C Continuous Operation as Cold as -30°C

Compressor

By injecting warm, low-pressure vapor into the rapidly functioning compressor to add to the compressed gas and reduce the temperature of the discharge, the M-poweri compressor ensures consistent and effective heating performance, even in very cold environments.

iMelt Defrost Logic(in progress)

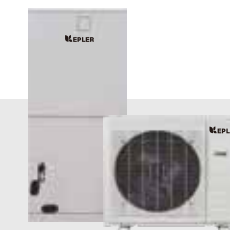
Our cutting-edge i-Melt Defrost System enables the device to consistently supply warm air into the space, even throughout the defrosting process, offering uninterrupted comfort to residents.

Base Pan Heater

Boasting an output power 1.9 times greater than that of conventional heaters, the stainless steel base pan heater effectively prevents the accumulation of ice and aids in the drainage of water following defrost cycles, even in very low ambient temperatures.



Cold Region



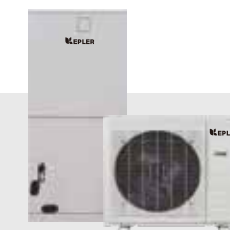
KEPLER Extreme Heat pump
100% Heating output at -15°C



/ A-Coil



Extreme Cold Region



KEPLER Next-Generation CCHP
100% Heating output at -30°C



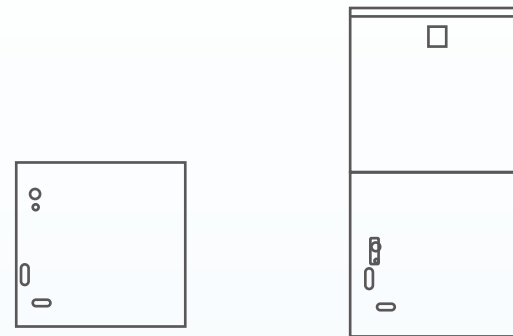
/ A-Coil

Not Your Ordinary Heat Pump

KEPLER Family of Inverter Heat Pumps



Outdoor Inverter Condenser

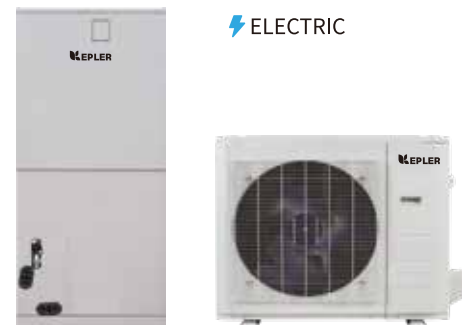


1:A-Coil

2:Standard Air Handler

Indoor Unit

KEPLER Heat Pump for Flexible Heating Combinations



ELECTRIC

Cold Climate Heat Pump

KEPLER Heat Pump

100% heating output at -15°C



ELECTRIC+ GAS

Existing Furnace

Dual Fuel

KEPLER Heat Pump+A-coil

Integrate the Kepler system with your current furnace to allow it to select the optimal heat source (either gas or electric) during chilly days, ensuring your HVAC system operates at maximum efficiency and provides unparalleled comfort.

ELIGIBLE FOR MANY REBATE PROGRAMS

United states Up to

\$2,000

Meeting CEE's Highest Tier, eligible for up to 52,000 25C tax credits

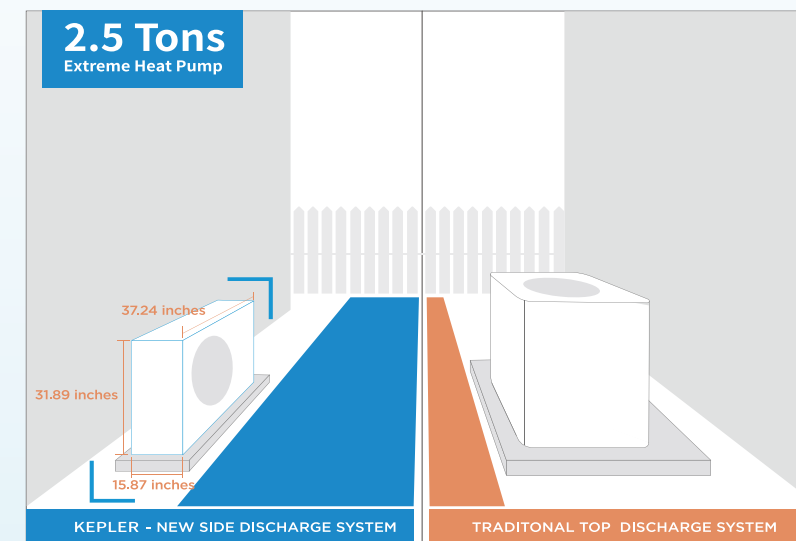
Canada Up to

\$5,000

Eligible for the Canada Greener Homes Grant Program with a reimbursement of up to \$5,000 for retrofit

EASY TO FIT IN ANY SPACE

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

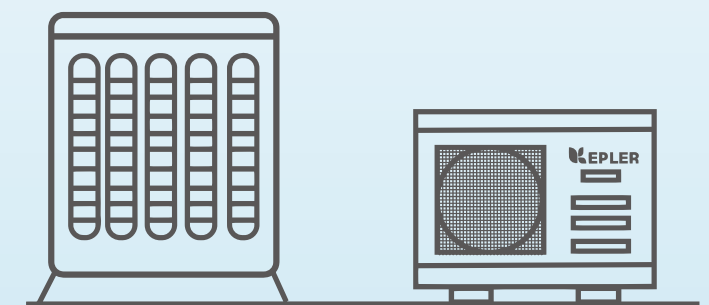


-> Load up to 4-5 Kepler units in your van or truck, compared to only 1-2 traditional units.
-> Simple to move and install; one worker can carry and set up a single fan unit.



Ultra-quiet performance

Enjoying home comfort is most satisfying in a calm, tranquil environment, both indoors and outdoors. Kepler units offer near-silent operation inside, while their outdoor units feature a side discharge design that ensures extremely quiet functioning, with noise levels as low as 58 dB(A) outside, letting you relish your outdoor area without disturbance.



Traditional: 73 db(A)

KEPLER: 58 db(A)

Family Core Features

Compatible with the Existing Gas Furnace
Inverter Heat Pump & A-Coil System



Enhance your heating and cooling system for optimal efficiency and comfort

During Winter: Dual-Fuel Capability

		<p>ELECTRIC</p>	<p>Cold</p> <p>Experience comfort and efficiency of heat pump.</p>
		<p>GAS</p>	<p>Freezing</p> <p>When the temperature drops below -30°C, use the gas furnace as an available backup.</p>

During Summer: Efficient Cooling

		<p>ELECTRIC</p>	<p>Hot</p> <p>Experience ultimate comfort with highly efficient and powerful cooling capabilities.</p>
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CORE FEATURES OF A-COIL



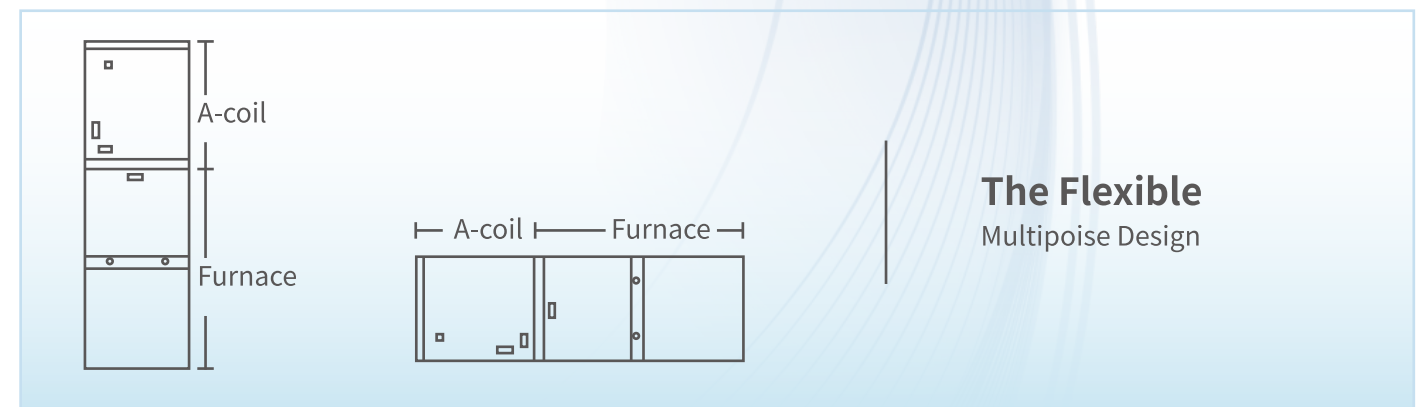
SEER2 Up to **17.0**

EER2 Up to **11.7**

1.5-5 Tons
The Most Comprehensive Size Options

A 1.5-2 tons:14.5"	21.0"	18.0"	C 2.5-4 tons:21.0"	x21.0"	x24.0"
B 1.5-2 tons:17.5"	21.0"	18.0"	D 5 tons:24.5"	21.0"	28.0"
	2.5-3 tons:17.5"	21.0"			

VERSATILE APPLICATIONS



A-Coil LUXE Series Specification

Model	A-Coil Size		18K Hyper Heat (17.5"x21"x18")	24K Hyper Heat (17.5"x21"x18")	30K Hyper Heat (21"x21"x24")	30K Hyper Heat (17.5"x21"x18")	36K Hyper Heat (17.5"x21"x18")	36K Hyper Heat (21"x21"x24")	48K Hyper Heat (21"x21"x24")
	Indoor Unit		AZPN/B24WAC	AZPN/B24WAC	AZPN/C36WAC	AZPN/B36WACUID	AZPN/B36WACUID	AZPN/C36WAC	AZPN/D60WAC
	Outdoor Unit		AZPN/18WD	AZPN/24WD	AZPN/30WD	AZPN/30WD	AZPN/B36WDUID	AZPN/B36WDUID	AZPN/60WD
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	208/230, 1, 60
Performance	Cooling/Heating Capacity	Btu/hr	18000/19000	24000/25000	30000/33000	29000/31000	35000/36000	36000/39000	46000/51000
	EER2	Btu/hr/W	11.7	10.7	10.5	10	10	9.8	8.6
	SEER2	Btu/hr/W	16.5	16.8	15.5	15.2	15.2	14.8	14.3
	HSPF4	Btu/hr/W	9.5	9.5	9.7	8.5	8.5	10	9.0
Heating at -15°C	Rated Capacity	Btu/hr	15000	20000	27000	22600	30000	32000	40000
	COP	W/W	2.20	1.95	1.85	1.8	1.8	2	1.8
Indoor unit									
Net Dimension	WxDxH	mm	445x533x457	445x533x457	533x533x609	445x533x457	445x533x599	533x533x609	533x533x609
	WxDxH	inch	17.52x20.98x17.99	17.52x20.98x17.99	20.98x20.98x23.98	17.52x20.98x17.99	17.52x20.98x23.58	20.98x20.98x23.98	20.98x20.98x23.98
Packing Dimension	WxDxH	mm	505x650x490	505x650x490	595x650x645	520x665x515	520x665x645	595x650x645	595x650x645
	WxDxH	inch	19.88x25.59x19.29	19.88x25.59x19.29	23.43x25.59x25.39	20.47x26.18x20.28	20.47x26.18x25.39	23.43x25.59x25.39	23.43x25.59x25.39
Net/Gross weight		kg	19.4/23.6	19.4/23.6	30.2/35	19.4/23.6	27.3/31.3	30.2/35	30.2/35
		lb	42.77/52.03	42.77/52.03	66.58/77.16	42.77/52.03	60.19/69.00	66.58/77.16	66.58/77.16
Room temperature	Indoor(cooling)	°C(°F)	17~32(62~90)	17~32(62~90)	17~32(62~90)	16~32(60~90)	16~32(60~90)	17~32(62~90)	17~32(62~90)
	Indoor(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)	0~30(32~86)
	Outdoor(cooling)	°C(°F)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)
	Outdoor(heating)	°C(°F)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)
AHRI certification #			213062281	213062282	213062284	213433213	213433214	213062285	213062286
Eligible for Canada Greener Homes Grant			Yes	Yes	Yes	Yes	Yes	Yes	No

A-COIL NEXUS Series Specification

Model	Indoor Unit		AZPN/B24WAC	AZPN/B24WAC	AZPN/C36WAC	AZPN/C36WAC	AZPN/C48WAC	AZPN/D60WAC
	Outdoor Unit		AZPNS/18ROD	AZPNS/24ROD	AZPNS/30ROD	AZPNS/36ROD	AZPNS/48ROD	AZPNS/60ROD
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
Performance	Cooling/Heating Capacity	Btu/hr	18000/18000	24000/25600	30000/31000	36000/35000	48000/51000	53000/54000
	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
	HSPF4	Btu/hr/W	8.6	9.8	9.3	8	8.3	8.5
Heating at 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
Indoor Unit								
Net Dimension	WxDxH	mm	445x533x457	445x533x457	533x533x609	533x533x609	533x533x609	622x533x711
	WxDxH	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 Dimension	WxDxH	mm	505x650x490	505x650x490	595x650x645	595x650x645	595x650x645	690x650x745
	WxDxH	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
		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
Room temperature	Indoor(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)
	Indoor(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)
	Outdoor(cooling)	°C(°F)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)
	Outdoor(heating)	°C(°F)	-15~24(5~75)	-15~24(5~75)	-15~24(5~75)	-15~24(5~75)	-15~24(5~75)	-15~24(5~75)
AHRI certification #			213062293	213062294	213062295	213433217	213062297	213062298
Eligible for Canada Greener Homes Grant			Yes	Yes	Yes	Yes	Yes	Yes

EPLER Family

Perfect for North American Homes

Inverter Heat Pump & Standard Air Handler System

CORE FEATURES OF STANDARD AIR HANDLER

SEER2 Up to

18.0

EER2 Up to

12.4

HSPF2 Up to

10

A 1.5-2 tons:
17.5" 21.0" 45.0"

B 2.5-4 tons:
21.0" 21.0" 49.0"

C 5 tons:
24.5" 21.0" 58.0"

1.5-5 Tons

FITS DIFFERENT INSTALLATION SPACES

4-Way Installation (Left/Right/Up/Down)



ADVANCED COMPONENTS

1. Compatible with 485 or 24V: automatically identifying the control mode, no need for manual conversion.
2. Optional auxiliary heat kits available up to 25kW.
3. Constant CFM ECM motor provides consistent airflow up to 0.8 in. w.c.
4. Electronic expansion valve (EEV) control: better throttling for highly efficient operation.
5. All-Aluminum Coil.
6. Quiet Operation – down to 35 dB(A) level.



Ideal for North American Residences

EASY TO SERVICE



Streamlined Trouble Shooting

Easily accessible error code display



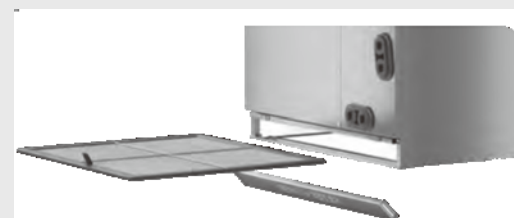
Easy Access

Remove two screws for access to the electrical board, blower, heater



Slide-Out Fan

Easily remove the fan motor for straightforward maintenance



Magnetic Filter Cover

One click for filter access

Air Handler LUXE Series Specification Up to 18 SEER2

Model	Indoor Unit		AZPN/18WAH	AZPN/24WAH	AZPN/30WAH	AZPN/36WAH	AZPN/48WAH	AZPN/60WAH
	Outdoor Unit		AZPN/18WD	AZPN/24WD	AZPN/30WD	AZPN/36WD	AZPN/48WD	AZPN/60WD
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
Performance	Cooling /Heating Capacity	Btu/hr	18000/19000	24000/24000	30000/33000	36000/40000	47000/50000	55000/59000
	EER2	Btu/hr/W	12.4	11.7	10	10	8.2	8.8
	SEER2	Btu/hr/W	18	17.4	16.2	16	15.6	15.3
	HSPF2 (Region 4) BTU/Wh	Btu/hr/W	9.3	10	8.9	9.5	9.4	9.4
Heating at 5F (-15°C)	Rated capacity	Btu/hr	16500	22600	24000	34400	46000	48500
	COP	W/W	2.04	1.91	1.77	1.97	1.9	1.91
Indoor unit								
Air flow (Turbo/Hi/Mi/Lo)	CFM		617.65/576.47/529.41/488.24	823.53/758.82/694.12/629.41	1088.24/894.12/805.88/711.76	1188.24/1082.35/970.59/864.71	1470.59/1282.35/1094.12/905.88	1805.88/1582.35/1358.82/1135.29
Noise level (Hi/Mi/Lo)	dB(A)		34/31/30	39/36/33	42/40.5/36.5	45/43/41	50/47/43.5	51/45.5/41.5
Net Dimension	WxDxH	mm	534x445x1143	534x445x1143	534x534x1245	534x534x1245	534x534x1245	534x622x1346
	WxDxH	inch	21.02x17.52x45.00	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
Packing Dimension	WxDxH	mm	675x530x1235	675x530x1235	675x620x1335	675x620x1335	675x620x1335	710x680x1435
	WxDxH	inch	26.57x20.87x48.62	26.57x20.87x48.62	26.57x24.41x52.56	26.57x24.41x52.56	26.57x24.41x52.56	27.95x26.77x56.50
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	59.2/70.9	73.8/87.5
		lb	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/192.90
Room temperature	Indoor(cooling)	°C(°F)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)
	Indoor(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)
	Outdoor(cooling)	°C(°F)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)
	Outdoor(heating)	°C(°F)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)
AHRI# Certification			213062287	213062288	213062289	213062290	213062291	213062292
Eligible for Canada Greener Homes Grant			Yes	Yes	Yes	Yes	Yes	Yes

Air Handler NEXUS Series Specification Up to 17 SEER2

Model	Indoor Unit		AZPN/18WAH	AZPN/24WAH	AZPN/30WAH	AZPN/36WAH	AZPN/48WAH	AZPN/60WAH
	Outdoor Unit		AZPNS/18ROD	AZPNS/24ROD	AZPNS/30ROD	AZPNS/36ROD	AZPNS/48ROD	AZPNS/60ROD
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
Performance	Cooling /Heating Capacity	Btu/hr	18000/18000	24000/26000	30000/31000	36000/36000	47000/55000	57000/60000
	EER2	Btu/hr/W	11	11	11	10	9	9
	SEER2	Btu/hr/W	17	17	17	17	16	15
	HSPF2 (Region 4)	Btu/hr/W	9	9	9	8	9	9
Heating at 5F (-15°C)	Rated capacity	Btu/hr	11000	19400	17800	21000	36000	34600
	COP	W/W	2	2.1	1.7	1.9	1.95	1.9
Indoor unit								
Indoor air flow (Turbo/Hi/Mi/Lo)	CFM		617.65/576.47/529.41/488.24	823.53/758.82/694.12/629.41	1088.24/894.12/805.88/711.76	1188.24/1082.35/970.59/864.71	1470.59/1282.35/1094.12/905.88	1805.88/1582.35/1358.82/1135.29
Indoor noise level (Hi/Mi/Lo)	dB(A)		34/32/30	42/40/37	40.5/37.5/28	45.5/42.5/40	53/50/46	52/48/43
Net Dimension	WxDxH	mm	534x445x1143	534x445x1143	534x534x1245	534x534x1245	534x534x1245	534x622x1346
	WxDxH	inch	21.02x17.52x45.00	21.02x17.52x45.00	21.02x21.02x49.02	21.02x21.02x49.02	21.02x21.02x49.02	21.02x24.49x52.99
Packing Dimension	WxDxH	mm	675x530x1235	675x530x1235	675x620x1335	675x620x1335	675x620x1335	710x680x1435
	WxDxH	inch	26.57x20.87x48.62	26.57x20.87x48.62	26.57x24.41x52.56	26.57x24.41x52.56	26.57x24.41x52.56	27.95x26.77x56.50
Net/Gross Weight		kg	48/58.7	47.9/57.8	58.6/70.6	58.6/70.6	59.2/70.9	73.8/87.5
		lb	105.82/129.41	105.60/127.43	129.19/155.64	129.19/155.64	130.51/156.31	162.70/192.90
Room temperature	Indoor(cooling)	°C(°F)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)	16~32(60~90)
	Indoor(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)
	Outdoor(cooling)	°C(°F)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)	-15~50(5~122)
	Outdoor(heating)	°C(°F)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)	-30~24(-22~75)
AHRI# Certification			213062299	213062300		213062302	213062303	213062304