

Konstell
series

boreal
Air Conditioning

18 SEER



**Advanced
Inverter technology
for absolute comfort
experience**



Konstell

series



Hidden Display



Key Standard Features

I-Feel Function
Inverter Technology
Multiple Fan Speeds
Self-Diagnostics
Low Voltage Start-Up
Dehumidify Function

Intelligent Defrost
Comfortable Sleep Mode
Auto Restart
Auto Swing (vertical)
Hidden LED Display
Timer
Control Lock
Tropical Fin Condenser Coil
Automatic Operation
Intelligent Preheating



MODELS			KON09HPLISB	KON12HPLISB	KON09HPJISB	KON12HPJISB	KON18HPJISB	KON24HPJISB	KON36HPJISB
SYSTEM	System Type		HEAT PUMP						
	Cooling Capacity (min-max)	Btu/h	9,000 (2,764-9,724)	12,000 (3,753-12,500)	9,000 (3,100-9,600)	12,000 (3,753-12,500)	18,000 (3,412-20,472)	24,000 (8,600-24,000)	33,600 (7,404-35,997)
	Heating Capacity (min-max)	Btu/h	9,500 (2,081-12,283)	13,000 (3,412-15,013)	9,500 (2081-12283)	13,000 (3,924-14,000)	19,800 (3,412-21,837)	24,000 (8,600-26,000)	34,600 (14,979-35,997)
	SEER/EER		18 / 10.0	18 / 10.05	18 / 10.6	18 / 10.40	18 / 9.89	18 / 10.95	18 / 8.2
	HSPF/COP		9.00 / 10.92	9.00 / 10.40	9.00 / 10.92	9.00 / 10.40	9.00 / 9.47	10.00 / 11.3	9.0 / 9.11
	Cooling Temperature Range	°F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115	0 - 115
	Heating Temperature Range	°F	-4 - 75	-4 - 75	-13 - 75	-13 - 75	-25 - 24	-25 - 24	-4 - 75
			KON09HPLIIB	KON12HPLIIB	KON09HPJIIB	KON12HPJIIB	KON18HPJIIB	KON24HPJIIB	KON36HPJIIB
INDOOR UNIT	Air Flow (min-max)	CFM	171-318	194-400	171-318	194-400	294-500	441-706	412-736
	Sound Level (min-max)	dB(A)	28-53	39-53	39-53	39-53	45-57	52-63	47-64
	Dehumidification	pt/hr	1.69	2.96	1.69	2.96	3.8	4.23	7.4
	Unit Dimension (WxHxD)	in	31.1 x 10.8 x 7.9	33.3 x 11.4 x 8.2	31.1 x 10.8 x 7.9	33.3 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.2 x 12.8 x 9.9
	Package Dimension (WxHxD)	in	34.1 x 14.4 x 10.7	36.3 x 14.9 x 11.1	34.1 x 14.4 x 10.7	36.1 x 14.3 x 10.9	41.0 x 15.1 x 12.6	45.2 x 16.3 x 13.8	56.6 x 16.5 x 13.9
	Weight (Net/Gross)	lbs	20.9 / 25.4	23.2 / 27.6	20.9 / 25.4	23.2 / 27.6	30.9 / 37.5	37.5 / 45.2	41.9 / 51.8
			KON09HPLIOB	KON12HPLIOB	KON09HPJIOB	KON12HPJIOB	KON18HPJIOB	KON24HPJIOB	KON36HPJIOB
OUTDOOR UNIT	Compressor Type		Rotary						
	Sound Level (min-max)	dB(A)	62	63	62	63	67	68	75
	Unit Dimension (WxHxD)	in	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	30.6 x 21.3 x 12.6	30.6 x 21.3 x 12.6	37.6 x 27.6 x 15.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8
	Package Dimension (WxHxD)	in	34.7 x 23.4 x 14.3	34.7 x 23.4 x 14.3	32.4 x 23.4 x 13.3	32.3 x 22.8 x 13.9	40.5 x 29.5 x 18.0	40.5 x 29.5 x 18.0	42.5 x 33.1 x 19.1
	Weight (Net/Gross)	lbs	62.8 / 68.4	67.3 / 72.8	63.9 / 69.5	69.5 / 75.0	97.0 / 106.9	103.6 / 113.6	161.0 / 172.0
	Refrigerant - Charge R410A	oz	24.7	31.8	24.7	31.8	45.9	56.4	91.71
	Coil Type		Copper/Aluminum with Tropical fin anti-corrosion coating						
INSTALLATION	Line Set Size (Liquid - Gas)	in	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	1/4"-3/8"	1/4"-1/2"	1-4"-5/8"	1-4"-5/8"
	Pre-Charge Length	ft	24.6	24.6	24.6	24.6	24.6	24.6	24.6
	Max. Line Run	ft	65.6	98.4	100	100	100	100.1	98.4
	Max. Elevation	ft	32.8	49.2	65	65	65	65.6	32.8
ELECTRICAL	Voltage / Phase / Hertz		115V / 1 PH / 60 HZ	115V / 1 PH / 60 HZ	220V / 1 PH / 60 HZ	220V / 1 PH / 60 HZ	220V / 1 PH / 60 HZ	220V / 1 PH / 60 HZ	220V / 1 PH / 60 HZ
	Rated Current Cooling	amps	12.66	13.5	5.8	6.0	12	11.98	20
	Rated Current Heating	amps	10.65	13.8	6.0	6.88	13	12.2	20
	MCA	amps	17	20	9	9	16	16	24
	MOC	amps	25	30	15	15	25	25	40
	Interconnecting Wire		AWG14 / 4						



INVERTER