



Submittal-RTU 5 Ton

Job name:		Submitted by:	
Location:		Submitted to:	
Engineer:		Unit tag:	
Date:		Drawing number:	

Warranty information

Standard 5 years parts & compressor
Registered 5 years parts & 7 compressor
Terms and conditions apply

Type

Energy Star Heat Pump ☒

Cold Climate Energy Star Heat Pump ☒

Model numbers

Controller: XE7C-23/H

Outdoor: KH05TCNHA

Capacity range

Rated Output	KW	BTU/h	Certification	
Cooling:	16,41	56000	AHRI NO.	Energy Star
Heating:	16,71	57000	218679546	4 670 910

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)		57000		SEER2	18
17F (-8.3C)		34000		HSPF2	8,3
5F (-15C)		51000		EER (BTU/W)	11,2
				COP (W/W)	3,41

Outdoor temperature range

Cooling:	-5-52C	23-125.6F	Power supply	208-230V/1Ph/60Hz
Heating:	-30-24C	-22-75.2F	Min/Max voltage	187-253V

Condenser specifications

24Vac Thermostat control	18/6	MCA	40A
Modbus control	30118027 ZTS6L	MOP	45A
Optional Electric Heater (KW)	6 / 9 / 12	Interconnecting wire	18/2

Emergency Stop Switch	Included	Features:	
Fan Speed Adjustable	Controller or Dipswitch	Electronic Expansion Valve	
Drain Pipe Dimension	3/4 NPT	Inverter Rotary Compressor	
Refrigerant Type	R-32	Blackfin Equipment	
Factory Charge	204.6 oz	Compressor Electric Heater	
Service port	5/16	Weight	
Sound Pressure Level	68dB (A)	Gross weight:	650Lbs (295Kg)
		Net weight:	628Lbs (284Kg)

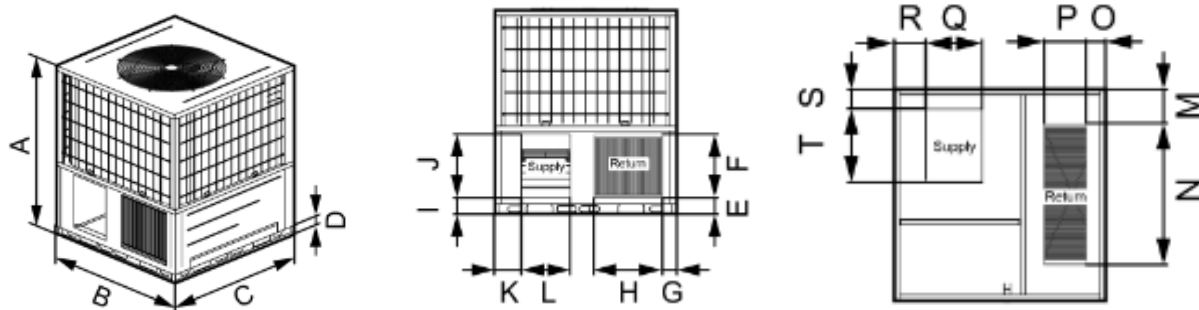


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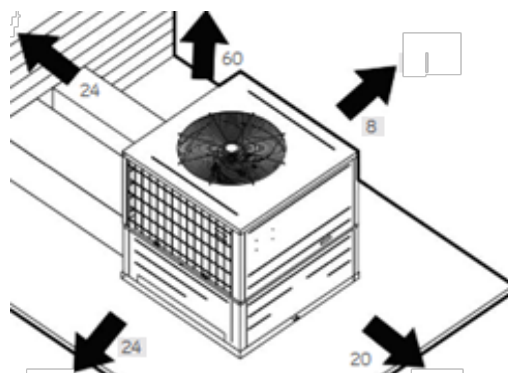
Outdoor unit Dimensions



Unit: inch(mm)

A		B		C		D	
49-1/4 (1250)		44 (1120)		44 (1120)		2-1/2 (65)	
Side air vents							
E	size of air return		G	I	size of air supply		K
	F	H			J	L	
4 (101)	15-3/8 (390)	16-1/2 (420)	3-3/8 (87)	4 (101)	15-3/8 (390)	11-3/4 (300)	6-1/2 (166)
Bottom air vents							
M	size of air return		O	R	size of air supply		S
	N	P			Q	T	
7-7/8 (199)	28 (711)	9 (228)	3-3/4 (96)	6-1/2 (166)	11-3/4 (300)	15-3/8 (390)	4 (103)

Minimum outdoor unit clearances



Unit must be placed a minimim 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.



Fan Performance

Empty cells represent out of range static pressure and air volume

Those in the highlighted cells are not recommended.

Model : KH05TCNHA										
Static pressure:Inches W.C.(Pa)										
0	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1
0	25	50	75	100	125	150	170	200	225	250
Speed 1	1590	1440	1280	1130	-	-	-	-	-	-
Speed 2	1680	1530	1390	1240	1120	-	-	-	-	-
Speed 3	1750	1600	1460	1320	1200	-	-	-	-	-
Speed 4	1850	1720	1590	1440	1280	1145	-	-	-	-
Speed 5	1905	1785	1665	1535	1382	1245	1150	-	-	-
Speed 6	2020	1870	1750	1640	1510	1370	1260	1180	1110	-
Speed 7	2080	1951	1830	1700	1570	1440	1310	1230	1160	1110
Speed 8	2100	2000	1870	1730	1610	1460	1330	1250	1180	1130
Speed 9	2200	2100	2000	1860	1720	1600	1470	1400	1330	1280
Speed 10	2300	2200	2100	2000	1900	1780	1680	1604	1530	1480
Speed 11	2400	2300	2200	2100	2000	1880	1780	1704	1630	1580
Speed 12	2500	2400	2300	2200	2100	1980	1880	1804	1730	1680
Speed 13	2600	2500	2400	2300	2150	2030	1930	1854	1780	1730

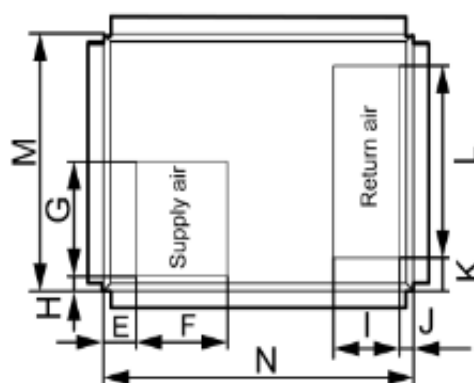
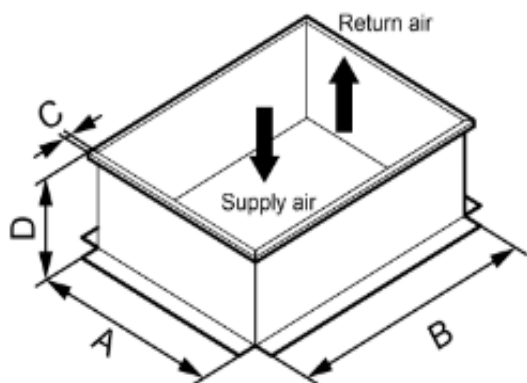
Electric Heater kits available			
Model numb	KW	Breaker 1	Breaker 2
LYQ-08-F	6	45A	N/A
LYQ-08-G	9	30A	45A
LYQ-08-H	12	45A	45A

The above is rated on 240Vac in order to function properly will require an independent power supply

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Roof curb information



Unit: inch(mm)

A	B	C	D	E
37-5/8 (956)	38-7/16 (976)	1 (25)	14 (356)	4-11/16 (119.5)
F	G	H	I	J
11-13/16 (300)	15-3/8 (390)	2-3/16 (56)	8-3/4 (223)	2-3/16 (55)
K	L	M	N	
5-1/4 (133)	29-1/2 (750)	39-5/8 (1006)	40-3/8 (1026)	