



Submittal-RTU 3 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: KH03TCNhA

Capacity range

Rated Output	KW	BTU/h	Certification		
Cooling:	10	34000	AHRI NO.	Energy Star	
Heating:	10	34000	218625041	4 657 813	

Heating performance

Output (BTU/H)	Minimum	Rated	Max	Efficiency Ratings	
47F (8.3C)		34000		SEER2	18
17F (-8.3C)		21800		HSPF2	8,8
5F (-15C)		29000		EER (BTU/W)	11,2
				COP (W/W)	3,45

Outdoor temperature range

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

Condenser specifications

24Vac Thermostat control	18/6	MCA	35A
Modbus control	30118027 ZTS6L	MOP	40A
		Interconnecting wire	18/2

Optional Electric Heater (KW)

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	149.9 oz	Compressor Electric Heater	

Weight	
Gross weight:	545Lbs (247Kg)
Net weight:	523Lbs (237Kg)



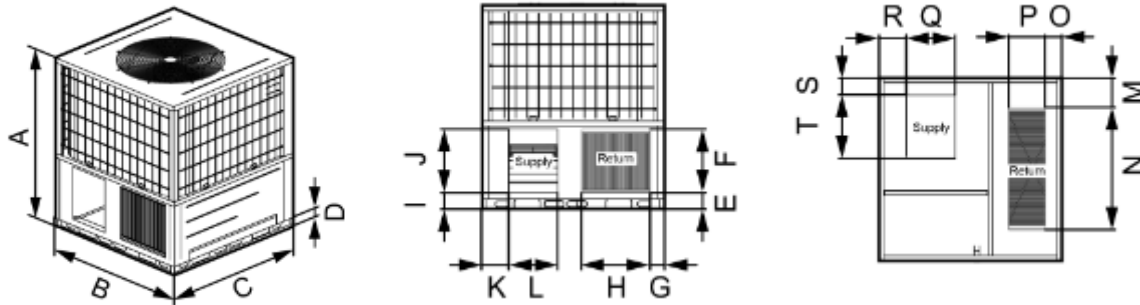
R32



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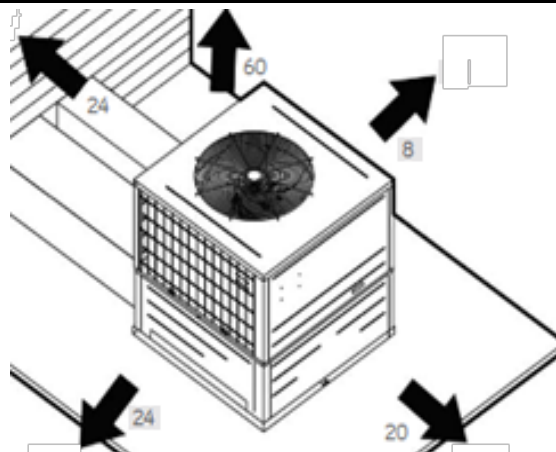
Outdoor unit Dimensions



Unit: inch(mm)

A		B		C		D	
49-1/4 (1250)		44 (1120)		35-7/16 (900)		2-1/2 (65)	
Side air vents							
E	size of air return		G	I	size of air supply		K
	F	H			J	L	
4-7/16 (113)	17-8/16 (445)	16-9/16 (420)	3-7/16 (87)	3-15/16 (101)	15-6/16 (390)	11-13/16 (300)	6-3/16 (157)
Bottom air vents							
M	size of air return		O	R	size of air supply		S
	N	P			Q	T	
5-14/16 (149)	23-1/16 (586)	8-10/16 (219)	3-11/16 (93)	6-3/16 (156)	11-14/16 (302)	13-12/16 (350)	3-10/16 (92)

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.

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Fan Performance

Empty cells represent out of range static pressure and air volume

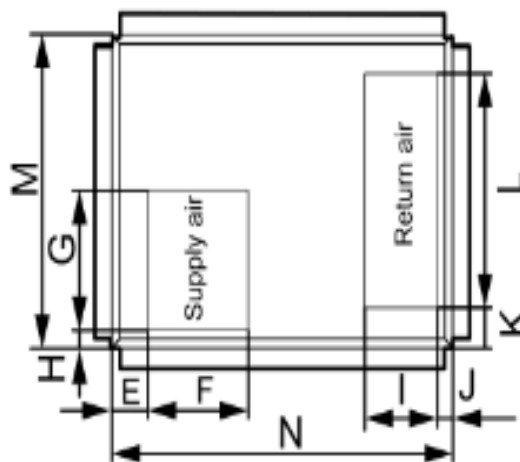
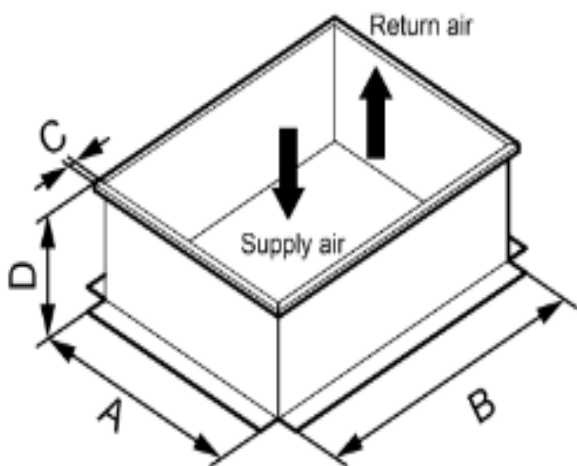
Those in the highlighted cells are not recommended.

Model : KH03TCNhA 										
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	1041	880	-	-	-	-	-	-	-	-
Speed 2	1067	916	722	-	-	-	-	-	-	-
Speed 3	1141	1008	845	-	-	-	-	-	-	-
Speed 4	1216	1095	945	770	-	-	-	-	-	-
Speed 5	1293	1181	1046	878	-	-	-	-	-	-
Speed 6	1368	1264	1125	982	805	-	-	-	-	-
Speed 7	1447	1348	1230	1092	936	752	-	-	-	-
Speed 8	1501	1436	1327	1195	1049	873	-	-	-	-
Speed 9	1506	1464	1417	1350	1240	1070	860	700	-	-
Speed 10	1498	1466	1423	1378	1280	1130	975	800	-	-
Speed 11	1500	1453	1414	1370	1330	1287	1248	1206	1063	892
Speed 12	1505	1458	1419	1375	1335	1292	1253	1211	1068	897
Speed 13	1510	1463	1424	1380	1340	1297	1258	1216	1073	902

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Roof curb information



Unit: inch(mm)

A	B	C	D	E
29 (736)	38-7/16 (976)	1 (25)	14 (356)	4-1/4 (109)
F	G	H	I	J
11-7/8 (302)	13-3/4 (350)	1-3/4 (45)	8-5/8 (219)	1-3/4 (46)
K	L	M	N	
4 (102)	23 (586)	30-15/16 (786)	40-3/8 (1026)	