

# SUBMITTAL DATA SHEET

Ceiling&Floor Regular System	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPEINDOOR SPECIFICATIONCIFICATION		
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	1224.3 / 1088.9 / 988.8 / 765.2 / 653.3	
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	N/A/49.5/44.5/37.0/33.0	
Dimension (WxDxH)	inch	64.96 x 26.57 x 9.25
	mm	1650.0x675.0x235.0
Package (WxDxH)	inch	67.91 x 29.72 x 12.52
	mm	1725x755x318
Net/Gross Weight	lbs	88.85/104.94
	kg	40.3/47.6

OUTDOOR SPECIFICATION		
Compressor Type	ROTARY	
Compressor Model	KTF310D43UMT	
Refrigerant	R454B	
Refrigerant Oil Charge(mL)	1000	
Refrigerant Oil	VG74	
Outdoor Air Flow (Max) (CFM)	2413.3	
Outdoor Noise Level (dBA)	64.0	
Dimension (WxDxH)	inch	37.24 x 16.14 x 31.89
	mm	946.0x410.0x810.0
Package (WxDxH)	inch	42.91 x 19.68 x 34.84
	mm	1090x500x885
Net/Gross Weight	lbs	152.34/162.48
	kg	69.1/73.7

EFFICIENCY			
Cooling		Heating	
SEER2	20.0	HSPF2-4	10.0
EER2	10.1	COP	3.34

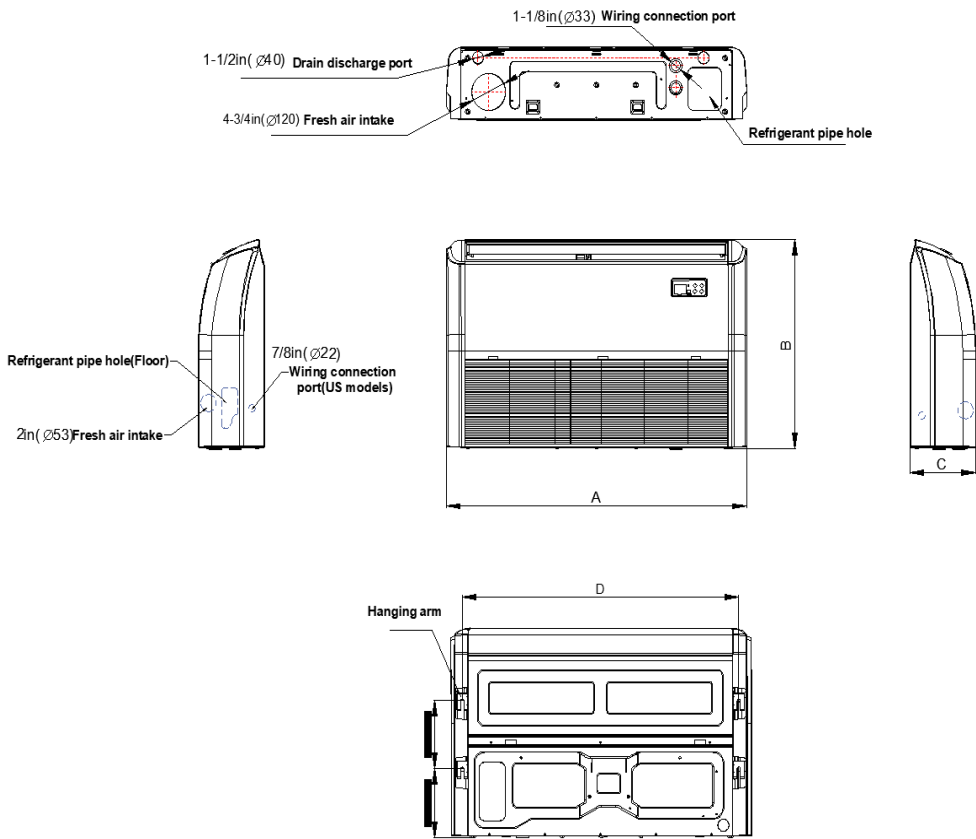
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	36000
Min/Max Capacity	7300~39500
Moisture Removal(L/h)	3.23
Standard Operating Range(°F/°C)	-13~122(-25~50)
Conditions:	Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	38000
1. @ 47°F Min/Max Capacity	14100~40400
2. @ 17°F Rated	26400
3. @ 5°F Rated: Capacity / COP	26000/2.17
3. @ 5°F Max: Capacity	26000
Standard Operating Range(°F/°C)	-13~75(-25~24)
1. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB
2. Conditions:	Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB
3. Conditions	Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB

ELECTRICAL	
Power Supply	208/230V,60Hz,1Ph
System MCA	33.00
Connection Wiring	14#x3
System MOCP	35
Compressor RLA	21.5
Outdoor Fan Motor RLA	1.4
Outdoor Fan Motor W	120
Indoor Fan Motor RLA	1.0
Indoor Fan Motor W	90
System Power Input @ Cooling (W)	3529(560 ~ 4180)
System Power Input @ Heating (W)	3334(855 ~3500)
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

PIPING	
Throttle type(Indoor)	N/A
Throttle type(Outdoor)	EXV+Throttle valve
Liquid Size	9.52mm(3/8in)
Gas Size	19mm(3/4in)
Max. Piping Length(ft/m)	246.00(75)
Max. Height Difference(ft/m)	98.40(30)
Max. Pre-charged Length(ft/m)	24.6(7.5)
Refrigerant Pre-charged Amount(oz/kg)	91.71(2.60)
Additional Charge of Refrigerant((oz/ft)/(g/m))	0.32(30)
Connection Method	Flared

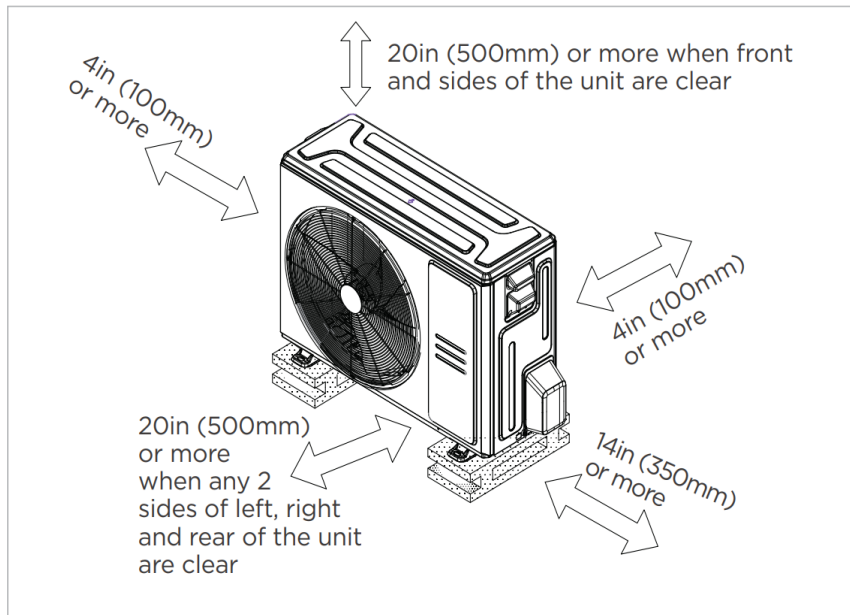
### Indoor Unit Dimension



Model	A	B	C	D
18K/24K	42in(1068mm)	26-1/2in(675mm)	9-1/4in(235mm)	38-3/4in(983mm)
36K/48K/60K	65in(1650mm)	26-1/2in(675mm)	9-1/4in(235mm)	61-5/8in(1565mm)



## Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.

## FEATURES

- 2 Style Installation
- 3D Airflow
- Refrigerant leakage detection sensor
- Humidity sensor
- "88" display tube
- 1~100% fan speed setting
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)
- 2-pin connector(HA/HB) for programmable wired controller
- Multiple control options available:
  - Two way communication wired controller:120N(X6)
  - Two way communication wired controller with built-in WiFi:120N(X6W)
  - Infrared wired controller: 120L
  - Wireless remote controller
  - Third-Party 24V Thermostat\*

\*24V interface is required.