

Indoor	KEENOWAH18AA	Outdoor	KEENUMHP18AA
One Way Cassette Heat Pump System			
Location:		Approval:	
Engineer:		Date:	
Submitted to:		Construction:	
Submitted by:		Unit #:	
Reference:		Drawing #:	



INDOOR SPECIFICATION	
Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	400.2 / 352.0 / 300.2 / 207.2 / 207.2
Indoor Noise Level (Turbo/H/M/L/Si) (dBA)	44 / 44 / 41.5 / 31 / 26
Dimension (W×D×H)	inch
	mm
Package (W×D×H)	inch
	mm
Net/Gross Weight	lbs
	kg

OUTDOOR SPECIFICATION	
Compressor Type	ROTARY
Compressor Model	KTM240D46UKT2
Refrigerant	R454B
Refrigerant Oil Charge (mL)	620
Refrigerant Oil	VG74
Outdoor Air Flow (Max) (CFM)	1765.8
Outdoor Noise Level (dBA)	59.0
Dimension (W×D×H)	inch
	mm
Package (W×D×H)	inch
	mm
Net/Gross Weight	lbs
	kg

EFFICIENCY			
Cooling		Heating	
SEER2	20.6	HSPF2-4	12.2
EER2	12.5	COP	3.01

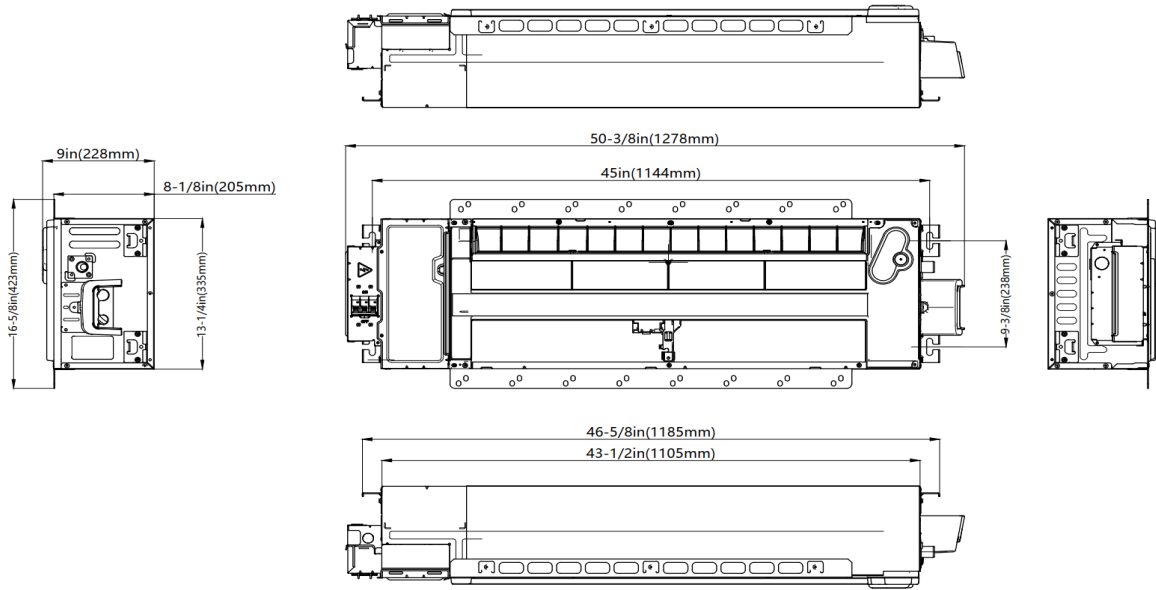
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	16700
Min/Max Capacity	5700 ~ 19000
Moisture Removal (L/h)	2.05
Standard Operating Range (*F/°C)	-22 ~ 122 (-30 ~ 50)
Conditions:	Indoor: 80°F DB / 67°F WB Outdoor: 95°F DB / 75°F WB

PERFORMANCE of Heating	
Heating (Btu/hr)	
1. @ 47°F Rated	20000
1. @ 47°F Min/Max Capacity	8900 ~ 22000
2. @ 17°F Rated	14500
3. @ 5°F Rated: Capacity / COP	17500 / 1.89
3. @ 5°F Max: Capacity	17500
Standard Operating Range (*F/°C)	-22 ~ 75 (-30 ~ 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	19.00
Connection Wiring	14#x4
System MOCP	20
Compressor RLA	11.7
Outdoor Fan Motor RLA	0.9
Outdoor Fan Motor W	80
Indoor Fan Motor RLA	1.2
Indoor Fan Motor W	30
System Power Input @ Cooling (W)	1337 (550 ~ 1700)
System Power Input @ Heating (W)	1950 (850 ~ 1990)
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	6.35mm (1/4in)
Gas Size	12.7mm (1/2in)
Max. Piping Length (ft/m)	98.43 (30)
Max. Height Difference (ft/m)	65.62 (20)
Max. Pre-charged Length (ft/m)	24.6 (7.5)
Refrigerant Pre-charged Amount (oz/kg)	55.38 (1.57)
Additional Charge of Refrigerant ((oz/ft) / (g/m))	0.16 (15)
Connection Method	Flared

Indoor Unit Dimension

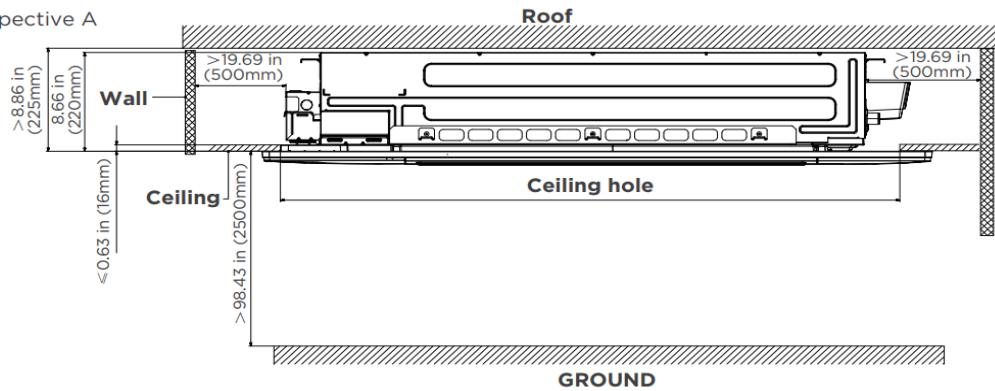


Installation Instruction

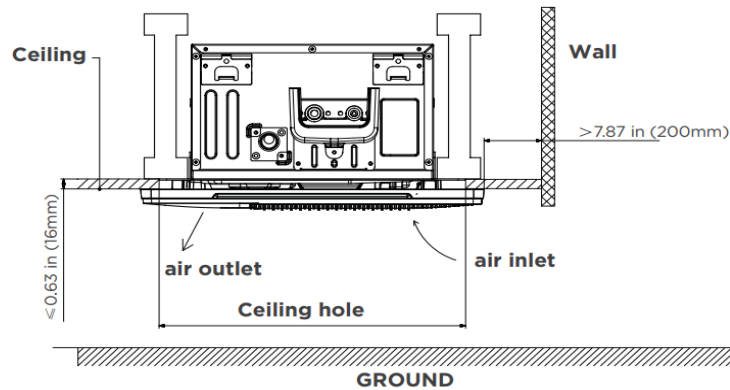
Installation place

(unit: inch/mm)

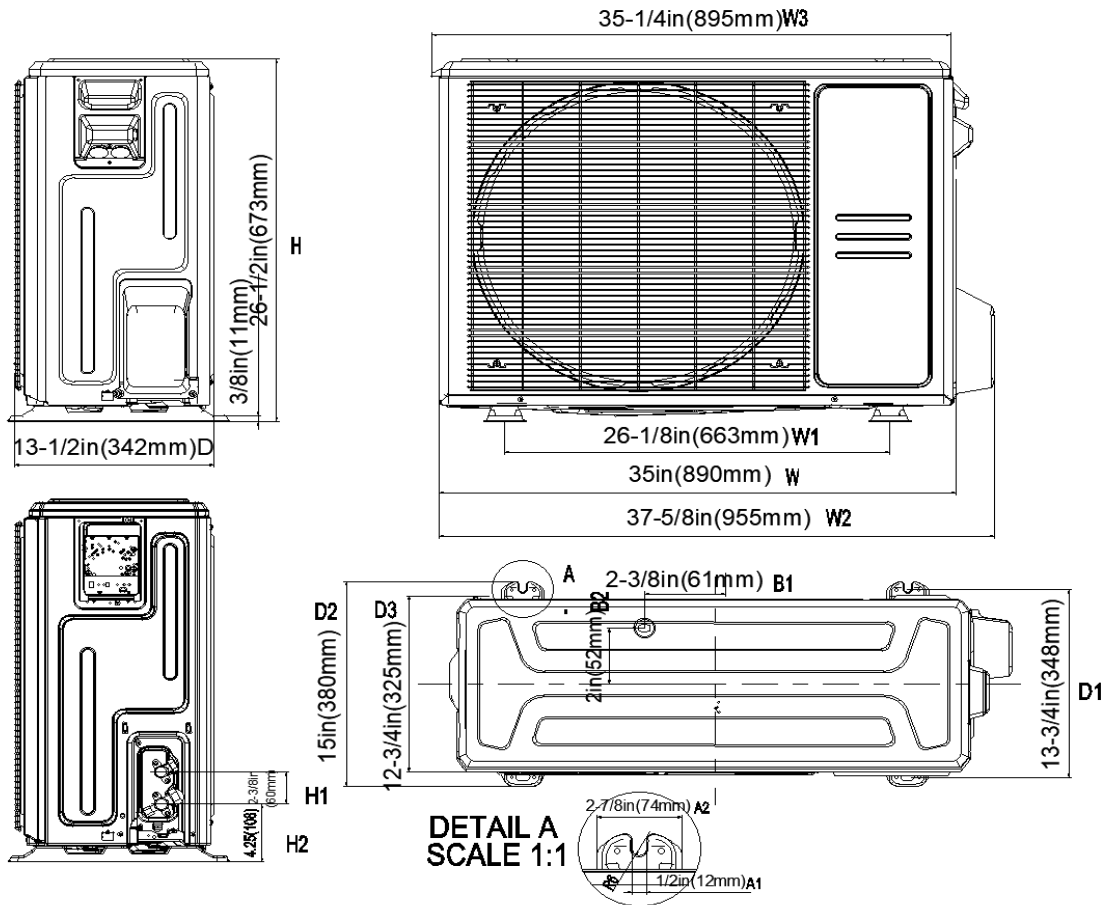
Perspective A



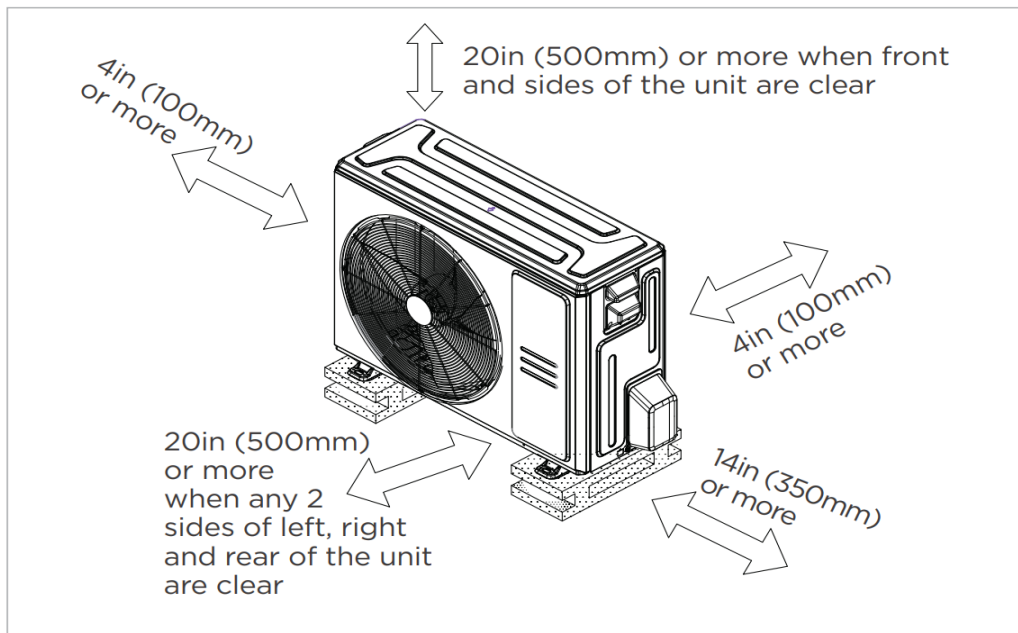
Perspective B



Outdoor Unit Dimension



Installation Instruction



Meets all spatial requirements shown in Installation Clearance Requirements above.