



Kepler 28-B Series IDUMSEPB-09HRFN1MY5W(GA) Submittal Data Sheet

HYPER HEAT WALL MOUNTED MINI-SPLIT INDOOR UNIT (UP TO -22°F/-30°C)

SUBMITTAL DATA SHEET

WALL MOUNTED HEAT PUMP SYSTEM

Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Set Code

Indoor unit code
 Outdoor unit code

Set Model

Indoor unit model
 Outdoor unit model

IDUMSEPB-09HRFN1MY5W(GA)
 ODUMOX330-09HFN1MY5W

Certified

AHRI



UL



SYSTEM PERFORMANCE DATA

Power supply

Normal Operational (V, Ph, Hz) 208/230V, 1Ph, 60Hz
 Voltage Voltage Range (V) 187-253

Electrical

Minimum circuit ampacity (Outdoor) (A) 15.0
 Max. fuse (Outdoor) (A) 15.0
 Connection wiring 14AWG*4

Cooling

Capacity (Btu/h) 9000(3300~14300)
 Power Input (W) 556(180~1180)
 Current (A) 2.5(0.78~5.13)
 SEER2 (Btu/W) 28.1
 EER2 (Btu/W) 16.2

Heating

Capacity (Btu/h) 12000(5000~15200)
 Power Input (W) 907(370~1500)
 Current (A) 4.1(1.6~6.52)
 HSP F 2-4 (Btu/W) 11.5
 HSP F 2-5 (Btu/W) 9.0
 COP W/W 3.81
 Heat at 17F(H32) (Btu/h) 9500
 Heat at 5F(H42) (Btu/h) 10600
 COP at 5F(H42) W/W 2.00

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	41.62
Refrigerant precharge	(ft)	25.0
	(m)	7.5
Additional charge for each ft	(oz/ft)	0.16
Additional charge for each m	(g/m)	15.0
	(inch)	1/4"/3/8"
Liquid side/ Gas side(indoor)	(mm)	6.35/9.52
	(inch)	1/4"/3/8"
Liquid side/ Gas side(outdoor)	(mm)	6.35/9.52
	(ft)	82.0
Max. pipe length	(m)	25.0
	(ft)	32.8
Max. difference in level	(m)	10.0
Connection method		Flared
Indoor(cooling)	(Deg. °F)	60~90
	(Deg. °C)	16~32
Indoor(heating)	(Deg. °F)	32~86
	(Deg. °C)	0~30
Outdoor(cooling)	(Deg. °F)	-22~122
	(Deg. °C)	-30~50
Outdoor(heating)	(Deg. °F)	-22~75
	(Deg. °C)	-30~24

INDOOR UNIT DATA

Indoor fan motor

Model ZKFP-20-8-6-21
 Qty 1
 Input (W) 50.00
 Output (W) 20.0
 RLA (A) 0.3
 Speed(Hi/Mi/Lo) (r/min) 1100/850/700

Air flow & Noise level

Indoor airflow(Hi/Med/Lo) (No duct) (CF M) 382.35/335.29/229.41/176.47
 Indoor noiselevel(Hi/Med/Lo) [dB(A)] 38/33.5/23.5

Dehumidification

(L/H) 0.38

Indoor unit

Dimension (WxDxH) (inch) 33.66x9.09x11.69
 (mm) 855x231x297
 Packing(WxDxH) (inch) 36.22x12.20x14.57
 (mm) 920x310x370
 (lbs.) 22.71/28.88
 Net/Gross weight (kg) 10.3/13.1

OUTDOOR UNIT DATA

Compressor

Type ROTARY
 Model KT N110D42UF Z
 Brand GMCC
 Capacity (Btu/h) 11823 885
 Input (W) 8.8
 Rated current (RLA) (A) VG74/350
 Refrigerant oil/oil charge (ml)

Outdoor fan motor

Model ZKFN-34-10-1
 Qty 1
 Input (W) /
 Output (W) 34
 RLA (A) 0.4
 Speed (r/min) 850/680/450

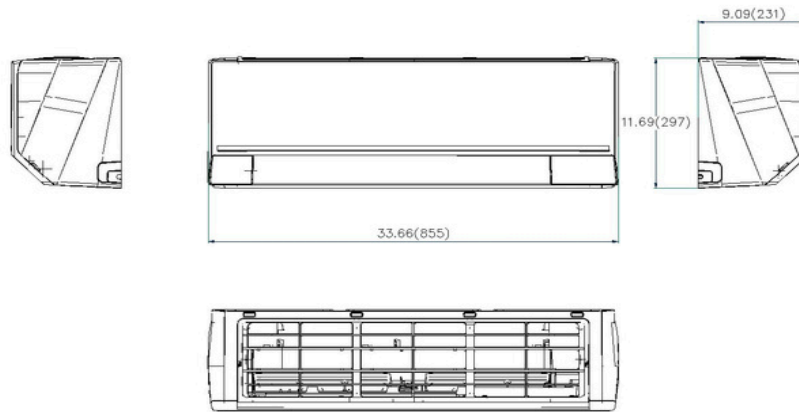
Air flow & Noise level

Outdoor air flow(Max.) (CFM) 1324
 Outdoor noiselevel [dB(A)] 54.5

Outdoor unit

Dimension (WxDxH) (inch) 31.69x12.99x21.81
 (mm) 805x330x554
 Packing (WxDxH) (inch) 36.02x14.57x24.21
 (mm) 915x370x615
 (lbs.) 74.07/80.25
 Net/ Gross weight (kg) 33.6/36.4

INDOOR UNIT DIMENSION



OUTDOOR UNIT DIMENSION

