



Kepler 28-B Series IDUMSEPB-06HRFN1MY5W 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-06HRFN1MY5W
 OD U M OX230- 09H F N 1M W 5W

Certified

AHRI



UL



SYSTEM PERFORMANCE DATA

Powersupply

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

Electrical

Minimum circuit ampacity(Outdoor) (A) 13.0
 Max.fuse(Outdoor) (A) 15.0
 Connection wiring 14AWG*4

Cooling

Capacity (Btu/h) 6000(3400~12000)
 Power Input (W) 380(166~1008)
 Current (A) 3.3(0.72~4.38)
 SEER2 (Btu/W) 26.5
 EER2 (Btu/W) 15.8

Heating

Capacity (Btu/h) 7000(3300~11500)
 Power Input (W) 449(241~1200)
 Current (A) 3.92(1.05~5.2)
 HSP F 2-4 (Btu/W) 13.6
 HSP F 2-5 (Btu/W) 10.0
 COP W/W 3.92
 Heat at 17F(H32) (Btu/h) 8500
 Heat at 5F(H42) (Btu/h) 7500
 COP at 5F(H42) W/W 2.10

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	Outdoor unit	EXV
Design pressure	(PSIG)	550/340
Refrigerant Type		R410A
Refrigerant charge	oz	38.10
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
Liquid side/ Gas side(indoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Liquid side/ Gas side(outdoor)	(inch)	1/4"/3/8"
	(mm)	6.35/9.52
Max. pipe length	(ft)	82.0
	(m)	25.0
Max. difference in level	(ft)	32.8
	(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-20-8-6-7
Qty	1
Input (W)	50.00
Output (W)	20.0
RLA (A)	0.4
Speed(Hi/Mi/Lo) (r/min)	1050/930/870

Air flow & Noise level

Indoor airflow(Hi/Med/Lo) (No duct) (CF M)	364.71/317.65/217.65/167.65
Indoor noiselevel(Hi/Med/Lo) [dB(A)]	36/32/23

Dehumidification

Indoor unit

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

OUTDOOR UNIT DATA

Compressor

Type	ROTARY
Model	KS K103D33UEZ 3
Brand	GMCC
Capacity (Btu/h)	11106
Input (W)	826
Rated current (RLA) (A)	6.4
Refrigerant oil/oil charge (ml)	ESTER OIL VG74 310

Outdoor fan motor

Model	ZKFN-34-10-1
Qty	1
Input (W)	/
Output (W)	34
RLA (A)	0.4
Speed (r/min)	800/600

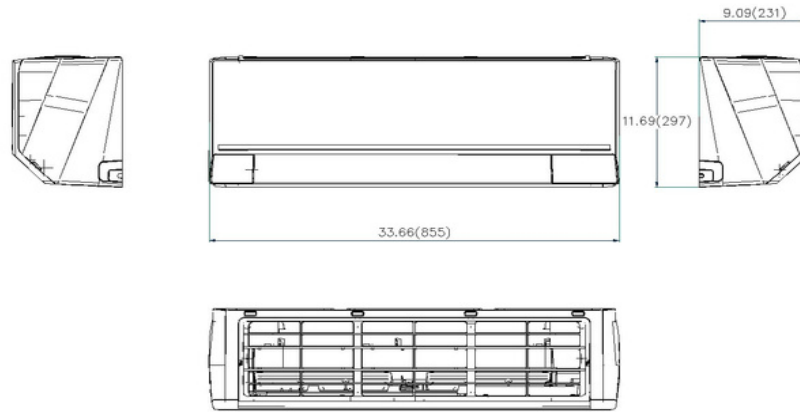
Air flow & Noise level

Outdoor air flow(Max.) (CFM)	1294
Outdoor noiselevel [dB(A)]	53.5

Outdoor unit

Dimension (WxDxH) (inch)	30.12x11.93x21.85
	(mm) 765x303x555
Packing (WxDxH) (inch)	34.92x13.27x24.02
	(mm) 887x337x610
Net/ Gross weight (lbs.)	63.71/69.00
	(kg) 28.9/31.3

INDOOR UNIT DIMENSION



OUTDOOR UNIT DIMENSION

