



Kepler 21-B Series ODUMOX330-18HFNI-MS0W Submittal Data Sheet

MINI-SPLIT OUTDOOR CONDENSER (UP TO 5°F/-15°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 IDUMSAG11C-18HRDN1-MS0W
 Outdoor unit model ODUMOX330-18HFN1-MS0W

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) 15.0
 Max.fuse(Outdoor) (A) 20.0
 Connection wiring 14#x4

Cooling

Capacity (Btu/h) 18000(3900~20000)
 Power Input (W) 1638(180~1480)
 Current (A) 7.5(0.78~6.43)
 SEER2 (Btu/W) 19.5
 EER2 (Btu/W) 11.0

Heating

Capacity (Btu/h) 18800(6300~19400)
 Power Input (W) 1806(375~1950)
 Current (A) 7.9(1.63~8.5)
 HSPF2-4 (Btu/W) 8.7
 HSPF2-5 (Btu/W) 6.8
 COP W/W 3.05
 Heat at 17F(H32) (Btu/h) 11400
 Heat at 5F(H42) (Btu/h) 11700
 COP at 5F(H42) W/W 2.06

REFRIGERANT PIPE DATA

	Indoor unit	N/A
Throttle type	Outdoor unit	Capillary
Design pressure	(PSIG)	550/ 340
Refrigerant Type		R410A
Refrigerant charge	oz	47.62
	(ft)	25.0
Refrigerant precharge	(m)	7.5
		0.16
Additional charge for each ft	(oz /ft)	15.0
Additional charge for each m	(g/m)	1/ 4"/ 1/ 2"
Liquid side/ Gas side(indoor)	(inch)	6.35/ 12.7
	(mm)	1/ 4"/ 1/ 2"
Liquid side/ Gas side(outdoor)	(inch)	6.35/ 12.7
	(mm)	6.35/ 12.7
Max. pipe length	(ft)	98.4
	(m)	30.0
Max. difference in level	(ft)	65.6
	(m)	20.0
Connection method		Flared
Indoor (cooling)	(Deg. °F)	60~90
	(Deg. °C)	16~32

INDOOR UNIT DATA

Indoorfan motor
 Model ZKFP-30-8-3-10
 Qty 1
 Input (W) 36.0
 Output (W) 30.0
 RLA (A) 0.4
 Speed(Hi/Mi/Lo) (r/min) 1200/ 1000/ 700

Air flow & Noise level

Indoor airflow(Turbo/Hi/Med/Lo) (CFM) // 458. 82/ 329. 41/ 270. 59
 Indoor noiselevel(Hi/Med/Lo) [dB(A)] 45/ 38/ 30. 0

Dehumidification

Indoor unit (L/H) 2.49
 Dimension (inch) 38. 23x 8. 98x 12. 64
 (WxDxH) (mm) 971x228x321
 Packing(Wx D x H) (inch) 41. 14x 12. 01x 15.
 (mm) 94 1045x305x405
 Net/Gross weight (lbs.) 24. 47/ 31. 75
 (kg) 11. 1/ 14. 4

OUTDOOR UNIT DATA

Compressor

Type ROTARY
 Model KSN 140D 21U F Z
 Brand GMCC
 Capacity (Btu/h) 14962
 Input (W) 1140
 Rated current (RLA) (A) 10
 Refrigerant oil/oil charge (ml) VG74 440

Outdoor fan motor

Model ZKFN-34-10-1-3
 Qty 1
 Input (W) /
 Output (W) 34
 RLA (A) 0.7
 Speed (r/min) 950/800/650/450

Air flow & Noise level

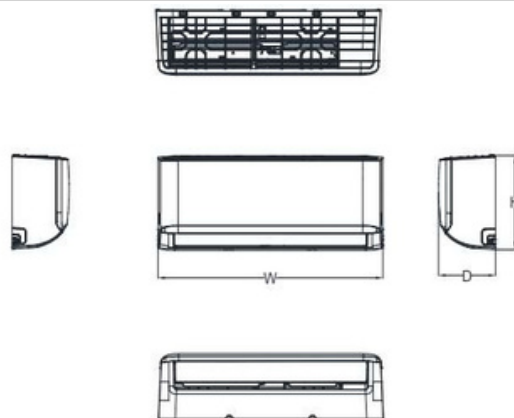
Outdoor air flow(Max.) (CFM) 1235
 Outdoor noise level [dB(A)] 57.0

Outdoor unit

Dimension (WxDxH) (inch) 31. 69x 12. 99x 21. 81
 (mm) 805x330x554
 Packing (WxDxH) (inch) 36. 02x 14. 57x 24. 21
 (mm) 915x370x615

Indoor (heat ing)	(Deg. °F)	32~86	Net/ Gross weight	(lbs.)	73. 85/ 79. 81
	(Deg. °C)	0~30		(kg)	33. 5/ 36. 2
Outdoor(cooling)	(Deg. °F)	5~122			
	(Deg. °C)	-15~50			
Outdoor(heating)	(Deg. °F)	5~75			
	(Deg. °C)	-15~24			

INDOOR UNIT DIMENSION



Capacity	Body Code	W(mm/inch)	D(mm/inch)	H(mm/inch)
6K~11K	A	729/28.7	200/7.87	292/11.5
8K~14K	B	802/31.57	200/7.87	295/11.61
12K~21K	C	971/38.23	228/8.98	321/12.64
18K~28K	D	1082/42.6	234/9.21	337/13.27
27K~36K	F	1259/49.57	283/11.14	362/14.25

OUTDOOR UNIT DIMENSION

