



Kepler 21-B Series ODUMOX430-24HFNI-MR0W 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
 Outdoor unit model

IDUMSAG11D-24HRFN1-MR0W
 ODUMOX430-24HFN1-MR0W

Certified

AHRI

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SYSTEM PERFORMANCE DATA

Powersupply

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

Electrical

Minimum circuit ampacity(Outdoor) (A) 19.0
 Max.fuse(Outdoor) (A) 30.0
 Connection wiring 14# x4

Cooling

Capacity (Btu/h) 24000(6200~24600)
 Power Input (W) 2520(292~2900)
 Current (A) 11. 2(1. 95~12. 7)
 SEER2 (Btu/W) 18.5
 EER2 (Btu/W) 9.5

Heating

Capacity (Btu/h) 24000(6800~26800)
 Power Input (W) 2350(437~2900) 10.
 Current (A) 25(2. 88~12. 7)
 HSPF2-4 (Btu/W) 8.6
 HSPF2-5 (Btu/W) 6.6
 COP W/W 2.99
 Heat at 17F(H32) (Btu/h) 14500
 Heat at 5F(H42) (Btu/h) 14800
 COP at 5F(H42) W/W 1.83

REFRIGERANT PIPE DATA

Throttle type	Indoor unit	N/A
	Outdoor unit	Throttle valve
Design pressure	(PSIG)	550/ 340
Refrigerant Type		R410A
Refrigerant charge	oz	62. 79
	(ft)	25.0
Refrigerant precharge	(m)	7.5
Additional charge for each ft	(oz/ ft)	0.32
Additional charge for each m	(g/m)	30.0
	(inch)	3/ 8"/ 5/ 8"
Liquid side/ Gas side(indoor)	(mm)	9. 52/ 15. 9
Liquid side/ Gas side(outdoor)	(inch)	3/ 8"/ 5/ 8"
	(mm)	9. 52/ 15. 9
	(ft)	164.0
Max. pipe length	(m)	50.0
	(ft)	82.0
Max. difference in level	(m)	25.0
Connection method		Flared
Indoor (cooling)	(Deg. °F)	60~90
	(Deg. °C)	16~32

INDOOR UNIT DATA

Indoorfan motor

Model ZKFP-58-8-1-5
 Qty 1
 Input (W) 58.0
 Output (W) 58.0
 RLA (A) 0.5
 Speed(Hi/Mi/ Lo) (r/min) 1200/ 1080/ 600

Air flow & Noise level

Indoor airflow(Turbo/Hi/Med/Lo) (CFM) 727. 65/ 546.47/ 402. 35/ 330. 59
 Indoor noiselevel(Hi/Med/Lo) [dB(A)] 45/ 39. 5/ 36
 Dehumidification (L/H) 2.7

Indoor unit

Dimension (WxDxH) (inch) 42. 60x 9. 21x 13. 27
 (mm) 1082x234x337
 Packing(Wx D x H) (inch) 45. 47x 16. 34x 12. 40
 (mm) 1155x415x315
 Net/Gross weight (lbs.) 29. 98/ 38. 14
 (kg) 13. 6/ 17. 3

OUTDOOR UNIT DATA

Compressor

Type T w in-R OT AR Y
 Model KTM240D43UKT
 Brand GMCC
 Capacity (Btu/h) 25931
 Input (W) 2045
 Rated current (RLA) (A) 14. 25
 Refrigerant oil/oil charge (ml) ESTER OIL VG74 620

Outdoor fan motor

Model ZKFN-80-8-3
 Qty 1
 Input (W) /
 Output (W) 80
 RLA (A) 0.8
 Speed (r/min) 810/ 720

Air flow & Noise level

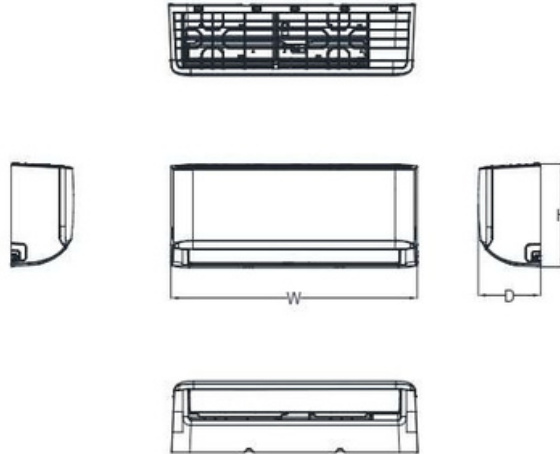
Outdoor air flow(Max.) (CFM) 1765
 Outdoor noiselevel [dB(A)] 60.0

Outdoor unit

Dimension (WxDxH) (inch) 35. 04x 13. 46x 26. 50
 (mm) 890x342x673
 (inch) 39. 17x 15. 67x 29. 13
 Packing (WxDxH) (mm) 995x398x740

Indoor (heating)	(Deg. °F)	32~86	Net/ Gross weight	(lbs.)	97. 88/ 104. 50
	(Deg. °C)	0~30		(kg)	44. 4/ 47. 4
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

