



Kepler 28-B Series IDUMSEPC-18HRFN1MU0W 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

IDUMSEPC-18HRFN1MU0W
 ODUMOX430-17HFN1MT0W

Certified



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) 20.0
 Max. fuse (Outdoor) (A) 25.0
 Connection wiring 14AWG*4

Cooling

Capacity (Btu/h) 18000(8870~19400)
 Power Input (W) 1440(230~1260)
 Current (A) 6.3(2.5~5.5)
 SEER2 (Btu/W) 21.5
 EER2 (Btu/W) 12.5

Heating

Capacity (Btu/h) 18000(15100~19500)
 Power Input (W) 1700(1390~2050)
 Current (A) 7.3(5.3~9.0)
 HSP F 2-4 (Btu/W) 11.3
 HSP F 2-5 (Btu/W) 8.3
 COP W/W 3.10
 Heat at 17F(H32) (Btu/h) 15000
 Heat at 5F(H42) (Btu/h) 18000
 COP at 5F(H42) W/W 1.80

REFRIGERANT PIPE DATA

	Indoor unit	Outdoor unit
Throttle type		EXV
Design pressure (PSIG)		550/340
Refrigerant Type		R410A
Refrigerant charge (oz)		65.26
Refrigerant precharge (ft)		25.0
Refrigerant precharge (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"/1/2"
Liquid side/ Gas side(indoor) (mm)		6.35/12.7
Liquid side/ Gas side(outdoor) (inch)		1/4"/1/2"
Liquid side/ Gas side(outdoor) (mm)		6.35/12.7
Max. pipe length (ft)		98.4
Max. pipe length (m)		30.0
Max. difference in level (ft)		65.6
Max. difference in level (m)		20.0
Connection method		Flared

	(Deg. °F)	(Deg. °C)
Indoor(cooling)	60~90	16~32
Indoor(heating)	32~86	0~30
Outdoor(cooling)	-22~122	-30~50
Outdoor(heating)	-22~75	-30~24

INDOOR UNIT DATA

Indoor fan motor

Model	ZKFP-30-8-3-10
Qty	1
Input (W)	36.00
Output (W)	30.0
RLA (A)	0.4
Speed(Hi/Mi/Lo) (r/min)	1240/1024/916

Air flow & Noise level

Indoor airflow(Hi/Med/Lo) (No duct) (CFM)	635.29/523.53/376.47/305.88
Indoor noiselevel(Hi/Med/Lo) [dB(A)]	46/42/24
Dehumidification (L/H)	2.16

Indoor unit

Dimension (WxDxH) (inch)	40.28x9.65x12.56
Dimension (WxDxH) (mm)	1023x245x319
Packing(WxDxH) (inch)	43.11x12.80x15.75
Packing(WxDxH) (mm)	1095x325x400
Net/Gross weight (lbs.)	27.12/35.71
Net/Gross weight (kg)	12.3/16.2

OUTDOOR UNIT DATA

Compressor

Type	T win-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	Z KF N-80-8-3
Qty	1
Input (W)	/
Output (W)	80
RLA (A)	0.8
Speed (r/min)	810/720

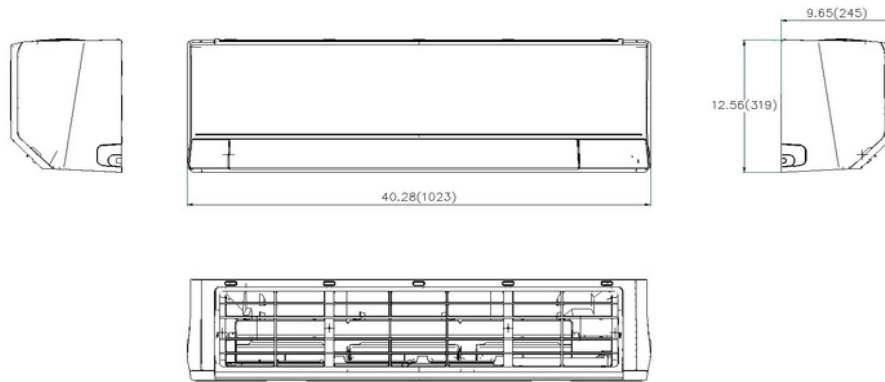
Air flow & Noise level

Outdoor air flow(Max.) (CFM)	1765
Outdoor noiselevel [dB(A)]	59.0

Outdoor unit

Dimension (W×D×H) (inch)	35.04x13.46x26.50
Dimension (W×D×H) (mm)	890x342x673
Packing (W×D×H) (inch)	39.17x15.67x29.13
Packing (W×D×H) (mm)	995x398x740
Net/ Gross weight (lbs.)	100.97/108.03
Net/ Gross weight (kg)	45.8/49

INDOOR UNIT DIMENSION



OUTDOOR UNIT DIMENSION

