

SUBMITTAL DATA SHEET



<b>CH-36ASTWM-230VI / CH-EL36-230VO</b>		<b>36,000 BTU/H(208/230V)</b>		<b>Wall Mounted Heat Pump System</b>	
Location: _____	Approval: _____	Date: _____	Construction: _____	Unit #: _____	Drawing #: _____
Engineer: _____					
Submitted to: _____					
Submitted by: _____					
Reference: _____					

**Set Model**

Indoor unit model: CH-36ASTWM-230VI  
 Outdoor unit model: CH-EL36-230VO

**Certified**

AHRF

UL



**SYSTEM PERFORMANCE DATA**

**Power supply**

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

**Electrical**

Minimum circuit ampacity (A)	28.0
Max.fuse (A)	35.0

**Cooling**

Rated Capacity (Btu/h)	36000
Capacity Range (Btu/h)	9300-38800
Power Input (Max) (W)	4235
Rated current (A)	18.5
SEER (Btu/W)	17.5
EEER (Btu/W)	8.5

**Heating at 47F**

Rated Capacity (Btu/h)	36000
Capacity Range (Btu/h)	11570-37000
Power Input (Max) (W)	4200
Rated current (A)	18.3
HSPF4 (Btu/W)	9
HSPF5 (Btu/W)	7.4
COP	2.51

**Heating at 17F**

Max Capacity (Btu/h)	22500
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**REFRIGERANT PIPE DATA**

Design pressure (PSIG)	550/340
Refrigerant Type (Oz)	R410A/119.9
Refrigerant precharge (ft)	25.0
(m)	7.6
Additional charge for each ft (oz/ft)	0.32
(g/ft)	30
Liquid side/ Gas side (inch)	3/8" / 5/8"
(mm)	9.52/15.9
Max. pipe length (ft)	213.0
(m)	65.0
Max. difference in level (ft)	98.0
(m)	30.0
Connection method	(Flared)

Indoor(cooling/ heating) (Deg. °F) 63~90 / 32~86  
 (Deg. °C) 17~32 / 0~30

Outdoor(cooling/heating) (Deg. °F) 5-122 / 5-75  
 (Deg. °C) -15~50 / -15~24

Application area (sq.ft) 516.67~753.47  
 (m2) 48~70

**INDOOR UNIT DATA**

**Indoor fan motor**

Type	Cross-Flow
Model	ZKFP-58-8-1-6
Qty	1
Input (W)	58.0
RLA (A)	0.5
LRA (A)	---
Winding Resistance (Ω)	---
Capacitor (μF)	---
Speed(Hi/Mi/Lo) (r/min)	1050/880/630

**Air flow & Noise level**

Indoor air flow (Hi/Med/Lo) (h) (CFM)	639.41/505.88/382.35
Indoor noise level (Hi/Med/Lo) [dB(A)]	47.5/42/35.5

**Dehumidification (Pint/H)** ---

**Indoor unit**

Dimension (WxDxH) (inch)	47.09x10.98x14.57
(mm)	1196x279x370
Packing(WxDxH) (inch)	50.39x14.17x17.91
(mm)	1280x360x455
Net/ Gross weight (lbs.)	43.65/54.89
(kg)	19.8/24.9

**OUTDOOR UNIT DATA**

**Compressor**

Type	KTF250D22UMT
Model	ROTARY
Brand	GMCC
Capacity (Btu/h)	27621.286
Input (W)	2200
Rated current (RLA) (A)	-
Refrigerant oil/oil charge (ml)	-
Throttle	Capillary+EXV

**Outdoor fan motor**

Model	ZKFN-120-8-2
Qty	1
Input (W)	---
RLA (A)	---
Speed (r/min)	1150/1050/900/850

**Air flow & Noise level**

Outdoor air flow (Max.) (CFM)	2235.30
Outdoor noise level [dB(A)]	61.5

**Outdoor unit**

Dimension (WxDxH) (inch)	37.24x16.14x31.89
(mm)	946x410x810
Packing (WxDxH) (inch)	42.91x19.69x34.84
(mm)	1090x500x885
Net/ Gross weight (lbs.)	150.13/158.95
(kg)	68.1/72.1

