

**Air-Cooled Portable Air Conditioner**

**Submittal Data**

**STANDARD FEATURES**

- Unit Capacities: 25 and 30 Ton
- R-410a Refrigerant
- Evaporator Motor/Drive Package for 1.5" ESP
- Evaporator Stainless Steel Drain Pan
- Direct Drive Propeller Condenser Fans
- Punched Condenser Inlet Panels
- 20" Duct Collars (3 each, supply & return)
- Camlock Power in Connections Color Coded
- Cleanable Filter
- Aluminum Fin/Copper Tube Coils
- ¼ Turn Access Panel Latches
- Dual Scroll Compressor
- Sight Glass
- Filter Drier
- Hi & Low-Pressure Controls
- Adjustable Expansion Valve
- Circuit Breaker with cover
- Phase Reversal Indicator
- Mode Selector Switch
- Unit Mounted Thermostat (Analog)
- Hot Gas Bypass (Circuit 1)
- Low Ambient Fan Cycling
- Toggle Switch for 208/230
- Toggle Switch for Remote Thermostat
- Voltage Meter w/Lexan Cover
- Duct Collar Covers
- 4-way Lifting Pod (HKW25 and HKW30 only)
- Hour Meter
- 60kW Electric Heat
- Powder Coat Paint (white)



HKW 25 Shown



**HKW25-TR AND HKW30-TR ADDITIONAL FEATURES:**

- US DOT Rated/Approved Trailer including:
  - Hydraulic Brakes
  - Dual Axle
  - Double Leveling Jacks
  - Spare Tire

**OPTIONAL FEATURES**

- Remote Thermostat with 25' Cable



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Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Customer: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted By: \_\_\_\_\_  
 For:         Reference    Approval    Construction  
 Unit Designation: \_\_\_\_\_  
 Schedule Number: \_\_\_\_\_

# Models HKW25, HKW25-TR, HKW30, and HKW30-TR - Submittal Data

## SPECIFICATIONS

Model Number		HKW25	HKW30
Cooling capacity	Total [1]	288,250 BTUH	362,000 BTUH
	Sensible [1]	206,350 BTUH	255,000 BTUH
Cooling Operating Range [2] [3]		40-110°F	
Refrigerant	Type	R-410a	
Compressor	Type	Scroll (2)	
Filter	Type	Cleanable	
	Size (L x W)	16.875 x 27.875	
	Quantity	8	
Evaporator	Motor	15 HP	
	Coil Face Area	20.56 ft <sup>2</sup>	
	Coil Rolls Deep	3	4
	Supply Air Flow Rate	10,000 CFM	11,000 CFM
Condenser	Motor (QTY)	3 HP (2)	
	Coil Face Area	26.04 ft <sup>2</sup>	
	Coil Rolls Deep	4	
	Supple Air Flow Rate	14,000 CFM	

		HKW25	HKW30	HKW25-TR	HKW30-TR
Unit Dimensions	L x W x H	95.5" x 95.5" x 57"		160" x 94" x 75"	160" x 94" x 85"
	Weight (lbs)	3,100	3,320	4,207	4,427

\*All features other than unit dimensions are consistent between the HKW25/HKW30 units and the HKW25-TR/HKW30-TR units.

[1] Entering air 80°F DB/ 67°F WB with 95°F ambient

[2] Extended operating range feasible with optional accessories

[3] Operating range at ARI conditions listed in note [1] above at 208 volts

[4] kW at 0.8 Power Factor and 220 volts

[5] kW at 0.8 power factor and 460v

		Cooling		30kW Electric Heat		
kW / Stages				60/2		
		HKW25	HKW30	HKW25	HKW30	
Electrical	460/3/60	FLA	67.9	79.4	92.8	92.3
		MCA	79.3	86.1	166	155.4
		kW [3]	46.7	50.6	71	71
	208-230/3/60 [4]	FLA	150.3	166.8	196.4	204.5
		MCA	162.3	180.8	245.5	255.6
		kW [3]	49.5	48.1	71	71