

Job Name	Location		
Purchaser	Engineer		
Submitted to	Reference	Approval	Construction
Unit Designation	Schedule #		

Specifications

Performance*	Nominal Capacity*	Cooling (Btu/h)	18,000
		Heating (Btu/h)	18,000
	SEER / EER		13 / 11.8
	HSPF		8
	Condensate (pints/hour)		3
Power	Voltage (øV/Hz)		1 / 208-230 / 60
	Rated Current (amps)	Cooling	6.5
		Heating	6.4
	Max Breaker	Amps	15
Min. Circuit Ampacity		9.5 A	
Dimensions	W X H X D (Inches)	Indoor Unit	42 1/2 X 13 1/4 X 9 5/8
		Outdoor Unit	35 1/2 X 32 7/8 X 13
	Weight (lbs.)	Indoor Unit	40
		Outdoor Unit	143
Condensate Connection		11/16" OD	
Heat Exchanger	Indoor & Outdoor Unit	Type	Aluminum Fin - Copper Tube
		FPI	18
		Pipe Diameter	1/4"
Sound Pressure Level (dB)	Indoor Unit	High/Medium/Low	50 / 47 / 44
	Outdoor Unit		60
Operating Temperatures*	Cooling	°F	65 ≤ T ≤ 115
	Heating	°F	14 ≤ T ≤ 70
*Cooling below 65°F is possible using a low ambient kit and crankcase heater			
Pipe Connections	Indoor & Outdoor	High side	3/8"
		Low side	5/8"
	Maximum Line Set Length		50'
	Maximum Vertical Separation		20'
Refrigerant	Type		R410A
	Control Method		Capillary Tube
	Factory Charge		70 oz
	Charged for		25 feet
	Additional Refrigerant		0.2oz / ft over 25 feet
Compressor	Type		Single Speed Rotary
	RLA	Amps	6.6
	L.R.A.	Amps	42
Evaporator Fan	Type		Cross Flow
	RLA	Amps	0.4
	Air Volume	CFM	500 / 550 / 620
Condenser Fan	Motor		PSC
	Output	W	60
	RLA	Amps	0.85
Accessories	Condensate pump		ASP-MO-UNIV 110-250
	Low Ambient Kit		ICM-326H
	Wall Bracket		CKN-250 (or larger model)
	Line Sets - 25' and 50' (Insulated and flared, interconnect cable included)		SLS-2508 / SLS-5008
Safety Certifications		ETL & ETLc	
Warranty	5 Years compressor, 1 Year Parts, 90 Day limited labor		



QSHE-183



QSHC-183

- Electro-static, washable, main filter as standard

Construction

- The outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

- The indoor shall have a UL94 V0 chassis with galvanized steel mounting bracket

Heat Exchanger

- The heat exchanger shall be mechanically bonded fin to copper tube

Controls

- The unit shall be operated via communication with line voltage signal

- Defrost is initiated by demand, not time

- 14AWG X 6 interconnect wire between condenser and evaporator

- Evaporator ships with wireless controller as standard

Refrigerant System

- The refrigerant shall be R410A

- The compressor shall be a hermetically sealed rotary type

- Refrigerant flow shall be controlled by capillary tube at outdoor unit

- The reversing valve shall be energized for heating mode

Indoor Fan

- Indoor fan is a single, crossflow type

- Four speed settings and auto setting

- An auto swing louver shall direct airflow

*Nominal cooling capacities are based on: Indoor temperature: 80°F DB, 67°F WB. Outdoor temperature: 95°F DB, 75°F WB.

*Nominal heating capacities are based on: Indoor temperature: 70°F DB, 60°F WB. Outdoor temperature: 47°F DB, 43°F WB.

Quietside maintains a policy of ongoing development, specifications are subject to change without notice. Refer to www.AHRIdirectory.org for current reference numbers.