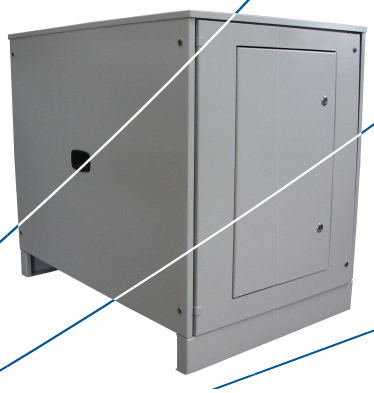
Sierra FRESH AIR SYSTEMS™

TECHNICAL SPECIFICATIONS

MODEL - AWS 20HP-E1 (USJ)
P560



		Unit of Measure	Value or Description
Cooling Mode	Rated Capacity: 100%*	Ton (kW)	15 (52.0)
	Rated Capacity: min*	Ton (kW)	5 (17.0)
	GHP Rated Consumption: 100%*	BTU/h (kW)	141,604 (41.5)
	GHP Rated Consumption: min*	BTU/h (kW)	40,946 (12.0)
Water Temperature Out-In		°F (°C)	45-54 (7-12)
Heating Mode	Rated Capacity: 100%**	Ton (kW)	17 (60.0)
	Rated Capacity: min**	Ton (kW)	5.7 (19.8)
	GHP Rated Consumption: 100%**	BTU/h (kW)	143,310 (42.0)
	GHP Rated Consumption: min**	BTU/h (kW)	40,946 (12.0)
Max Water Temperature Out		°F (°C)	116 (47)
Water Flow Rate		gpm (m^3/h))	41.8 (9.5)
Capacity Modulation Rate		%	30-100
Unit Without Pump	Power Supply	V/PH/Hz	24/1/60
	Rated Consumption	W	220
	Starting Current	A	1.5
	External Pump Control Max. Capacity	VA	220
	External Pump Control Max. Current	A	8
Heat Exchanger Refrigerant Volume		gal (lt)	1.836 (6.95)
Heat Exchanger Water Volume		gal (lt)	2.034 (7.7)
Heat Exchanger Pressure Drop		PSI (mH_20)	4.69 (3.3)
Water Ports		inch (mm)	2 (DN50)
Primary Circuit Piping Diameter		inch (mm)	2 (DN50)
Refrigerant Gas Ports Gas-Liquid		inch (mm)	1 1/8-3/4 (28.6-18.0)
GHP-AWS Piping Diameter		inch	1 1/8-5/8 (28.6-15.88)
Size and Weight	Height	inch	36.02
	Width	inch	27.95
	Depth	inch	40.16
	Weight Without Pump	lbs (kg)	390 (177)
	Connectable GHP Units		1

**Outdoor Temp. 35°C (DB) - Water Temp. 7°C*
***Outdoor Temp. 7°C (DB) - Water Temp. 35°C*

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Sierra products are subject to continuous improvement. Sierra reserves the right to modify product design, specification, and information in the data sheet without notice and without occurring and obligations.