

ASTON SERIES LOW SILL

COMMERCIAL UNITS



GEOSTAR
AFFORDABLE RENEWABLE CLEAN

THE PERFECT CHOICE FOR DUCTLESS APPLICATIONS.

The GeoStar Aston Low Sill Console is the perfect fit for ductless applications like hotels, classrooms, sunrooms, and garages. A single speed R410A rotary compressor is featured, and the unit boasts the capability to operate efficiently in extreme loop temperature situations. The Aston Low Sill is available in a variety of cabinet and piping configurations and is designed to match legacy consoles for simple retrofitting. And since it fits perfectly beneath windowsills, the Console provides versatility in any application.

ASTON SERIES LOW SILL SIZES AND PERFORMANCE

SIZE

0.75-1.5 TON

EFFICIENCY

4.3-4.4 COP

12.2 EER



FLAT TOP DIMENSIONS

MODEL	A	B	C
009 - 012	22.5"	45.0"	10.8"
015 - 018	22.5"	50.0"	12.8"

SLOPE TOP DIMENSIONS

MODEL	A	B	C
009 - 012	24.0"	45.0"	10.8"
015 - 018	24.0"	50.0"	12.8"

PRIMARY FEATURES

✓ **COMPRESSOR:** Single speed rotary compressors are featured and are available in commercial single phase voltages.

✓ **CONTROLS:** Aurora communicating microprocessor control is standard.

✓ **FAN MOTOR:** 009-012 units feature a 2-speed PSC fan motor, while 015-018 units come standard with a high efficiency 3-speed ECM motor.

✓ **REFRIGERANT CIRCUIT:** R410A refrigerant is used in sealed circuits. A thermostatic expansion valve is used for metering and delivers optimum refrigerant flow over a wide range of conditions without check valves.

✓ **CABINET:** A small footprint is ideal for retrofit applications. Heavy gauge, environmentally responsible galvanized steel is featured for maximum corrosion resistance.

✓ **ALUMINUM AIR COIL:** An aluminum air coil is featured in all Aston Console units to provide exceptional durability and high efficiencies. Added protection is also available with an optional AlumiSeal™ coating.

✓ **WATER LINES:** Copper 1/2" FPT waterline connections are featured and are located on the end of the chassis for ease of installation.



✓ **COAXIAL HEAT EXCHANGER:**

Designed for maximum heat transfer at normal and low water flow rates, the oversized and convoluted heat exchanger features a copper inner tube (cupronickel optional) and a steel outer tube to minimize pressure drop.

✓ **ADDITIONAL OPTIONS:**

- Extended range coaxial heat exchanger and piping insulation
- Cabinets available in flat or slope top with an extended cabinet option
- Left or Right Controls
- Stainless steel condensate drain pan with internally trapped drain line

AHRI/ISO 13256-1 PERFORMANCE RATINGS

PSC/ECM Motor
 AHRI/ASHRAE/ISO 13256-1
 English (IP) Units

Model	Flow Rate		Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
			Cooling EWT 86°F		Heating EWT 68°F		Cooling EWT 59°F		Heating EWT 50°F		Cooling EWT 77°F		Heating EWT 32°F	
	gpm	cfm	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
009	2.5	300	8,700	12.2	11,400	4.3	10,000	18.6	9,200	3.7	9,500	14.0	7,200	2.9
012	3.5	340	10,900	12.2	14,700	4.3	12,700	17.9	11,800	3.7	11,500	13.5	9,400	2.9
015	4.5	450	13,300	12.2	17,500	4.4	16,200	19.0	14,300	3.8	14,200	14.3	10,600	3.9
018	5.5	500	16,200	12.2	20,500	4.3	19,000	18.5	17,00	3.8	17,000	13.9	12,700	2.8

6/10/13

Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature
 Heating capacities based upon 68°F DB, 59°F WB entering air temperature
 All ratings based upon 208V operation

Voltage Availability

Voltage	Low Sill Console			
	009	012	015	018
115/60/1	•	•		
208-230/60/1	•	•	•	•
265/60/1	•	•	•	•

6/10/13

Brought to you by:

BR1012CG 9/15



Manufactured by WFI Industries, 9000 Conservation Way,
 Fort Wayne, IN 46809-9794. WFI has a policy of continual
 product research and development and reserves the right to
 change design and specifications without notice. ©2015 WFI

