



*Comfort Where It Counts.*

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**Subject:** EMI R-410A Dual Zone Ductless Split Systems Release

**Products:** S2CG/S2HG

## Product Bulletin

**Bulletin No.:** EPB-09-003  
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**Supersedes:** New  
**Dated:**

Enviromaster International (EMI) is proud to announce the release of its newest product family offering, the R-410A Side Discharge Dual Zone Ductless Split System products. The newest EMI Ductless Split Systems are available as straight cool and as full range heat pumps in three (3) total capacity sizes from 18,000 to 24,000 Btuh (5.3 to 7.0 kW) in 208/230 volts. Zone capacities are available in 9,000 (2.6 kW) and 12,000 Btuh (3.5 kW) with both the WLHG High Wall Air Handler and UNHG Universal Air Handler. At this time, the CAHG/H Cassette matches have not been released.

Filled with the features expected of EMI, all units meet the federal energy standards in the United States and Canada for efficiency (SEER=13.0 and HSPF=7.7), and use a non-ozone depleting HFC refrigerant, R-410A.

Model Number Nomenclature is essentially the same as the current R-22 Product, except the design revision indicated in the 4<sup>th</sup> position. R-410A units are denoted with a "G" for all units. See Table 1.

Low Ambient required accessories are listed in Table 2.

Please refer to current listing of available systems on page 3.

EMI Representatives will receive updated sales information for all multizone systems with the release of the T2, T3, and T4 units, shortly.

If you have any questions, please do not hesitate to contact EMI Customer Service.

EMI Ductless Split Systems are "***Comfort Where it Counts!***"

ISO 9001 Certified

Enviromaster International, LLC

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**Table 1 - R-410A S2 Model Number Nomenclature**

Alpha-Numeric:	A	N	A	A	N	N	N	N	A	N	N		A	N	N
Position:	1	2	3	4	5	6	7	8	9	10	11	-	13	12	13
Example:	S	2	C	G	9	0	0	0	D	0	0	-			
<b>Side Discharge Unit</b>															
<b>Number of Zones</b> 2 = Dual Zone															
<b>Duty</b> C = Cooling Only H = Heat Pump															
<b>Design Revision</b> G = R-410A															
<b>Zone 1 Capacity</b> 2 = 12,000 Btuh (3.5 kW) 9 = 9,000 Btuh (2.6 kW)															
<b>Zone 2 Capacity</b> See Zone 1 Capacity for designations.															
<b>Not Used</b>															
<b>Not Used</b>															
<b>Voltage</b> D = 208/230-1-60															
<b>Ambient Operation</b> 0 = Standard (S2C only) 1 = 32 °F (0 °C) Cooling Operation (S2H only)															
<b>Coil Options</b> 0 = Al Fin/Cu Tube (Std) 1 = Cu Fin/Cu Tube 2 = Post-coat Al Fin/Cu Tube															
<b>Special Order</b> Engineering Use Only															

**Table 2 - S2C/S2H Low Ambient Operation Requirements**

Unit	Voltage	Accessories Part Numbers (Quantity) Required *** Order ALL Kits Listed Under the Operational Range ***			
		Operational Range			
		32 to 115 °F (0 to 46 °C)	0 to 115 °F (-18 to 46 °C)		
		Crankcase Heater Kit	Crankcase Heater Kit	Fan Cycle Switch Kit	Architectural Louver/ Hail Guard/ Wind Baffle Kit
S2CG9900 S2CG9200 S2CG2200	208/230	550002073 (2)	550002073 (2)	550002074 (2)	550001580 (1)
S2HG9900 S2HG2200 S2HG9200	208/230	N/R	N/R	N/R	550001580 (1)

**Straight Cool – Single Zone Units:**

	S1CG9000	S1CG2000	S1CG8000	S1CG4000	SC1G3000	S1CG6000
<b>Cassette Units</b>						
CAHG/CAHH09						
CAHG/CAHH12						
CAHG/CAHH24						
CACG/CACH36						
<b>Universal Units</b>						
UNHG09						
UNHG12						
UNHG24						
UNCG30						
UNCG36						
<b>Wall Units</b>						
WLHG09						
WLHG12						
WLHG24						
WLCG30						
WLCG36						

**Straight Cool – Dual Zone Systems: (Valid Combinations are in columns)**




	S2CG9900			S2CG9200			S2CG2200		
CAHG/CAHH09									
CAHG/CAHH12									
UNHG09		2	1		1	1			
UNHG12					1			2	1
WLHG09	2		1	1			1		
WLHG12				1		1		2	1

**Heat Pump Systems:**

	S1HG9000	S1HG2000	S1HG8000	S1HG4000
<b>Cassette Units</b>				
CAHG/CAHH09				
CAHG/CAHH12				
CAHG/CAHH24				
<b>Universal Units</b>				
UNHG09				
UNHG12				
UNHG24				
<b>Wall Units</b>				
WLHG09				
WLHG12				
WLHG24				

**Heat Pump – Dual Zone Systems: (Valid Combinations are in columns)**

	S2HG9900			S2HG9200			S2HG2200		
CAHG/CAHH09									
CAHG/CAHH12									
UNHG09		2	1		1	1			
UNHG12					1			2	1
WLHG09	2		1	1			1		
WLHG12				1		1		2	1

Key:  = Available Combination  
 = Delayed Introduction  
 = Invalid Combination