



GS5-45HPC & GS5-45HPC-D System

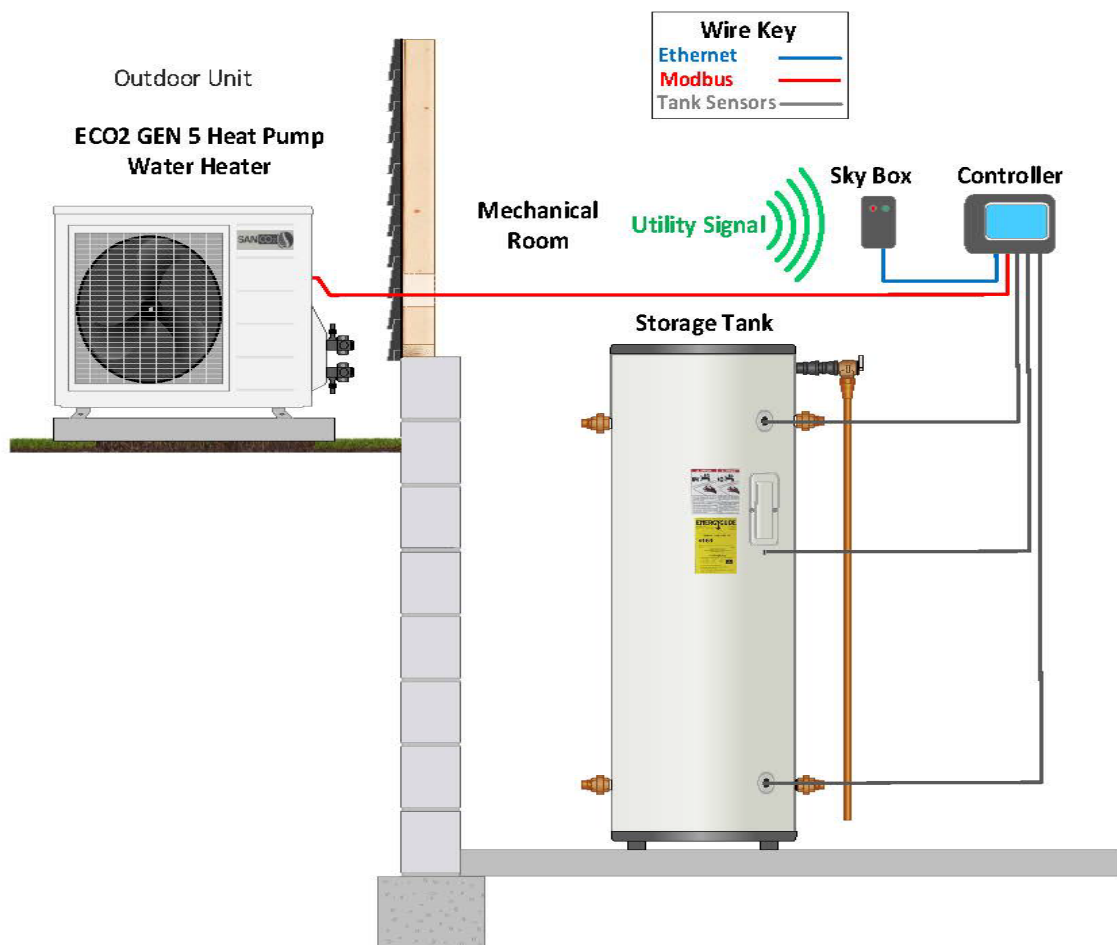


ECO2 is proud to introduce the new communication capable GS5-45HPC and GS5-45HPC-D Heat Pumps along with the revised Tanks, ECO-43SSAQB, ECO-83SSAQB and ECO-119GLBB.

The addition of the communication ability to the GS5 Heat Pumps will allow the home owners, utilities and other external communication to the GS5 Heat Pump to alter performance based on changes in DHW usage or the cost of the kwh power to the GS5.

The new GS5 SANCO2 system also provides improved UEF and First Hour Ratings compared to the previous version of Gen4 systems.

SANCO2 GS5 System Communication Controller





GS5-45HPC & GS5-45HPC-D System



Specifications	GS5-45HPC & GS5-45HPC-D
Uniform Energy Factor : GS5 Heat Pump + ECO-43SSAQB Tank	3.66
First Hour Rating : GS5 Heat Pump + ECO-43SSAQB Tank	69 Gallons
Uniform Energy Factor : GS5 Heat Pump + ECO-83SSAQB Tank	3.80
First Hour Rating : GS5 Heat Pump + ECO-83SSAQB Tank	121 Gallons
Uniform Energy Factor : GS5 Heat Pump + ECO-119GLBB Tank	3.72
First Hour Rating : GS5 Heat Pump + ECO-119GLBB Tank	134 Gallons
GS5 Heat Pump Nominal Heating Capacity (Btu/h & kw)	15,400 Btu/h or 4.5kw
Ambient Operating Range	-26 to 114°F
Hot Water production COP @ 80°F Ambient	5.5
Hot Water Temperature Setting (°F)	145 to 150°F
GS5 Heat Pump Recovery Rate @ 100°F & 90°F Temp Rise	18.5 GPH or 20.6 GPH
Refrigerant	R744 (CO ₂)
Power Voltage	208/230v-1Ph-60Hz
Breaker Size	15A
MCA (Amps)	7.2A
Noise Level (DbA)	37
GS5-45HPC Weight (lbs)	108lbs
GS5-45HPC-D Weight (lbs)	110lbs
Piping - Tank to Heat Pump and back to Tank	
Cold & Hot Water pipe size – Copper or PEX	1/2" & 1/2"
Max Pipe Length including	66ft
Max Vertical Separation of	23ft
Certifications	
Safety	ETL/ETLc - Pending for GS5
Energy Star	US & Canada - Pending for GS5
Residential System Warranty	
Heat Pump	System - 3 Years Labor 10 Years Parts
Tank	15 Years (ECO-43 & 83), 10 Years ECO-119
Commercial System Warranty	
Heat Pump	System - 1 Year Labor 5 Years Parts
Tank	5 Years

GS5 Preliminary Specifications 01-2024