



FORTIS™ 120

Tankless **Electric** Hot Water Heater

Save Energy, 10% to 40 %,
no standby heat loss

Green Building Appliance,
99% Efficiency

Save thousands of gallons of
water per year when installed
close to a fixture or installed
within a recirculation system

Made with Siemens® quality
components

Built-in breakers lower
installation cost

Powerful, nearly 100,000 Btu

Stainless Steel Cover with Built-in
Breaker Access Door

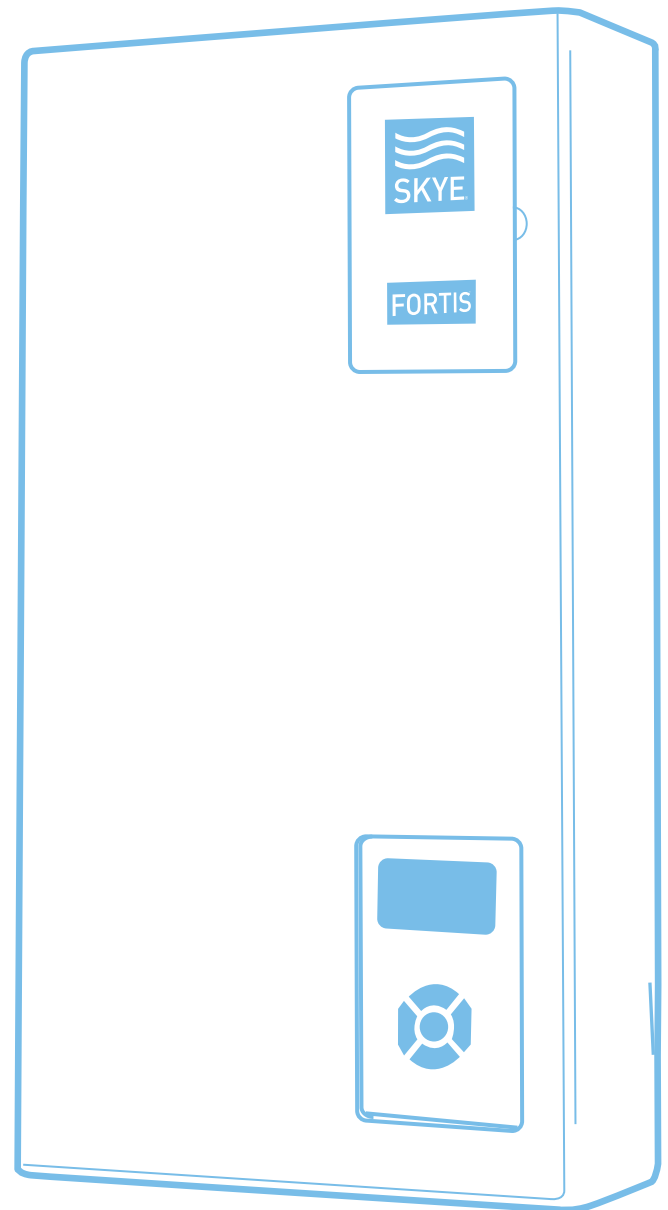
Stainless Steel Heating Chamber,
flow path & connections

16MHz Processor, fully modulating
with industry leading power control,
response, time-of-use programming
and more

Exclusive USB port, provides easy
feature updates

Healthier, prevents water born illness

ETL certified



FORTIS™ 120

SPECIFICATIONS

Maximum Current Load: 120 amps max at 240 VAC

KW Operational Range: 0.12 to 28.8 KW

Voltage: 240 VAC (suitable for 208 VAC at reduced output)

Standby Power: 7 VA

Recommended Breaker Size 2005 N.E.C.: 125 amps, 2-pole common trip breaker

Minimum Wire Size*: #2 AWG Copper

Nominal Heating Capability: 97,000 BTU's approximately

Minimum activation flow rate: 0.3 GPM (1.2 LPM)

Maximum Flow Rate: 9.5 GPM

Water Line/Outlet Size: 3/4" NPT

Weight, Dry: 50 Lbs. (22.68 kg)

Water Capacity: 0.6 Gallons (2.271 liters)

Clearance Requirements: Top: 6", Sides: 6", Bottom: 16", Front: 24", Back: 0"

Height, Width, Depth: 23.375 in. x 12.375 in. x 4.875 in. (31.4 x 59 x 12.4 cm)

Safety Features: Built-in Freeze Protection, Hi-Limit Thermal Cutout 172 °F, Inlet/Outlet Temperature Sensors, safety interlock device, mechanical breakers cut both legs, 2x redundant mechanical relays, resettable fuse

Temperature Settings: 90 °F to 140 °F (32 °C to 60° C) in increments of 1°

Standard Consumer Warranty: 10 years heating chamber and elements, 5 years parts

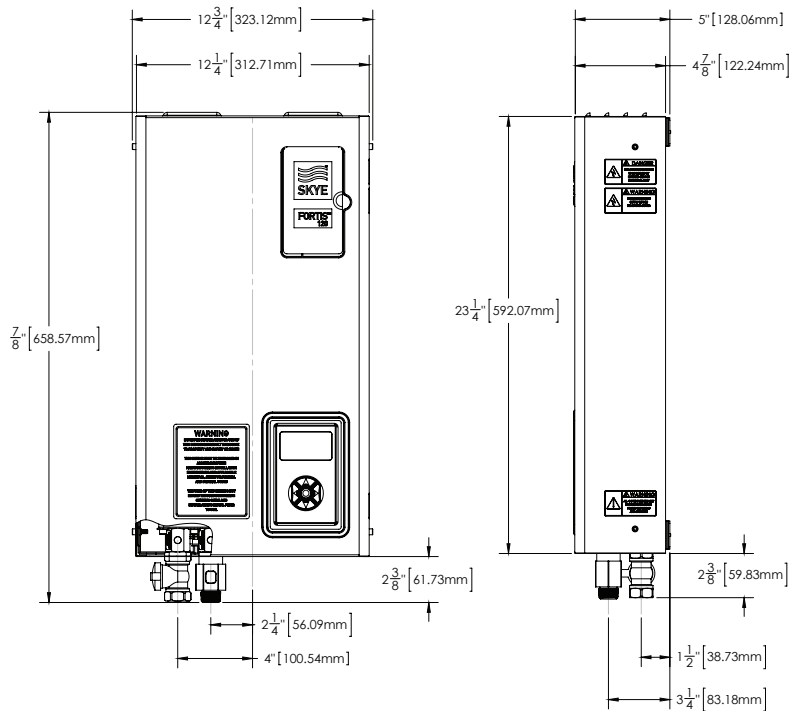
Pressure Only Relief Valve: 3/4" MNPT, Min 150,000 BTU/hr, 150 psi, Watts 3L, Zurn P1000A, Cash Acme FWL-2



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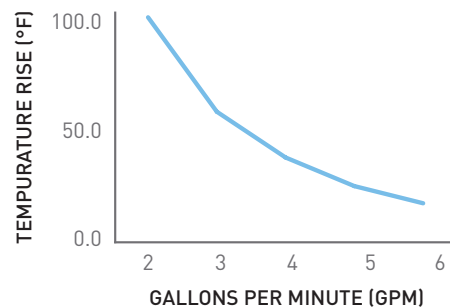
Printed Circuit Board: 16MHz Digital CPU, 2 MB Flash, Full Graphic Display

Flow rate at 77 °F temperature rise: 2.5 GPM

Flow rate at 40 °F temperature rise: 5 GPM

Gallons per hour at 77 °F temperature : 150 Gallons Per Hour

Gallons per hour at 40 °F temperature rise: 300 Gallons Per Hour



GPM	2.0	3.0	4.0	5.0	6.0
°F	98.0	65.0	49.0	39.0	33.0

Fortis is not suitable for outdoor installations
*check with local codes

Made with **SIEMENS** quality components