

TRONIC 6100 C

Electric Tankless Water Heaters

TR6100C-18 | TR6100C-27

Engineering
Submittal
Sheet



BOSCH

Overview and Project Information



Project Name

Location

Architect

Engineer

General Contractor

Reference #

Date

Basic Product Information

Model	TR6100C-18	TR6100C-27
Bosch Part Number	7738007420	7738007421
Description	EWI USA 240V 18kW	EWI USA 240V 27kW
UEF (Uniform Energy Factor)	0.94	0.93
Temperature Rise Δt 35°F	3.51 GPM	5.26 GPM
Temperature Rise Δt 45°F	2.73 GPM	4.09 GPM
Temperature Rise Δt 77°F	1.59 GPM	2.39 GPM
Net Weight (Empty Product)	14.8 lbs.	
Gross Weight (incl. Packaging)	17 lbs.	

Electrical Specification

Wattage (at maximum Voltage)	18 kW	27 kW
Voltage	208/240V	208/240V
Frequency	60 Hz	
Phase	Single Phase	
Breaker	3 x 30A Double Pole	3 x 40A Double Pole
Wire Size	10 AWG	8 AWG

Hydraulic Specification

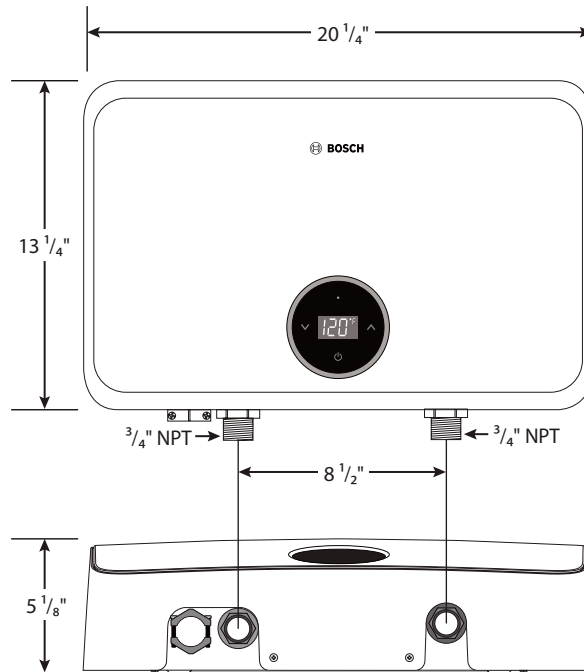
Water Connections	3/4 " NPT
Water Pressure Range	7 -150 PSI (0.5 – 10 bar)
Tested Water Pressure	290 PSI (20 bar)
Activation Flow Rate	0.5 GPM
Outlet Temperature Range (°F)	86 °F – 125 °F

Features & Benefits

Installation	Whole-house product; takes up less space than a traditional water heater
Durability	Stainless steel heating canister; long lasting and hygienic
Temperature Control	Thermostatic modulation provides a constant output temperature
Safety	Multiple thermal cutouts on heating canisters to reduce scalding risk
Service	Serviceable inlet water filter and heating element



Dimensions and Connections



Installation Example

