

HOT WATER STORAGE HEATER CALORIFIER

SUBMITTAL DATA SHEET

Date: December 26, 2024

Contractor: Banu Mukhtar

Project: Gandhara Dynamics

TECHNICAL SPECIFICATION

Storage Section

Model: GC-1-800 HEW

Capacity: 800 Liters (200 U.S. Gallons)

Construction: Grade SS 400 Mild Steel, 5 mm.

Recovery Rate: 122 US GPH.

Temperature In/Out: 35 °F/130 °F

Insulation: 2" Thick Rock-wool

Cladding: 24 Gauge G.I Sheet

HW Coil: NW6-36, 16 Gauge Copper tube

Electrical Coil: 30KW/ 2 Stage with electrical panel having Circuit Breaker, Magnetic Contractor, Fuses, Indication Lights etc.

Inside Finish: Epoxy Primer/Coating, 4.5 to 5 Microns

Outside Finish: Enamel Paint

Working Pressure: 116 PSI

Testing Pressure: 180 PSI

Connections: Cold/Hot Water (2"), Air Vent ½", Drain 1", Main Hole 12"

Dimensions: 40"Ø x 66" OAH.

Accessories:

- 3 Way Control Valve & Temperature Control System
- Analog Thermometer
- Air Vent
- Safety Relied Valve
- Drain Valve
- Lifting Lugs
- Floor Mounting Skid

