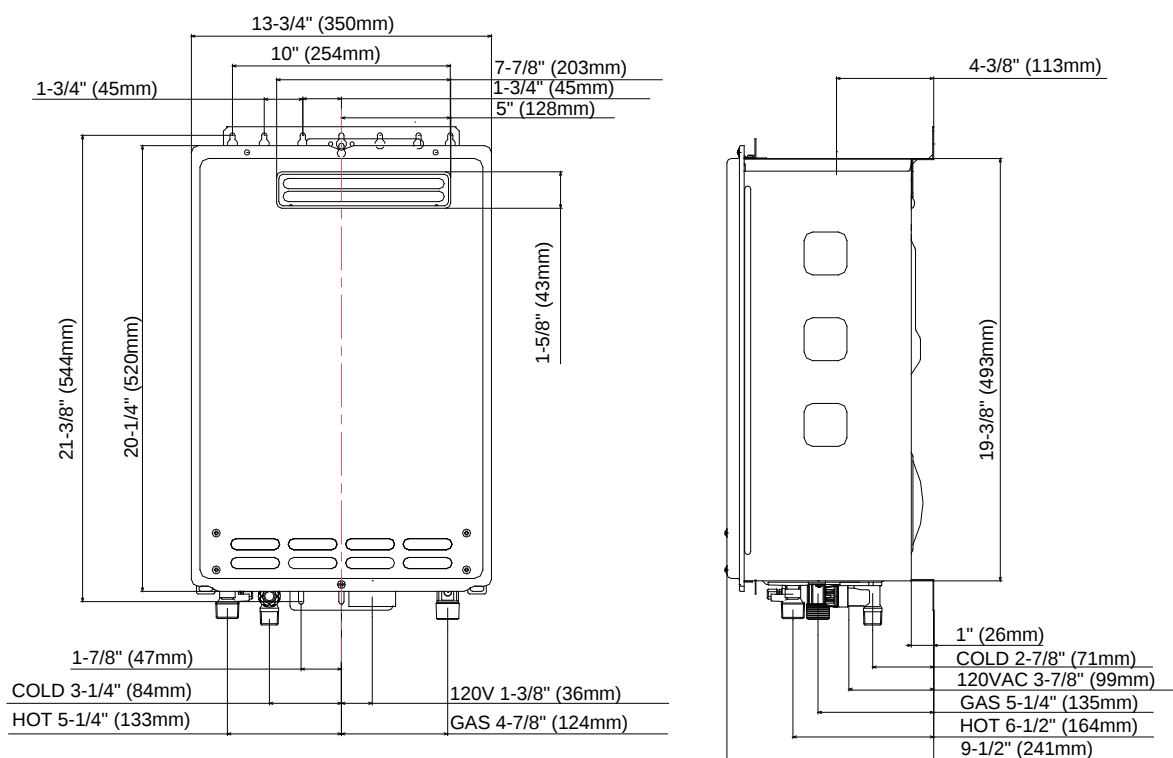


# T-D2-OS



|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Dimension               | H20.3" x W13.8" x D8.5" Weight: 39 lbs              |
| Hot/Cold/Gas Connection | 3/4" NPT                                            |
| Clearances              | Top: 36" Bottom: 12" Front: 24" Back: 1" Sides: 2 " |

## Features

- Fully modulating, gas fired, tankless water heater
- Outdoor installation only
- Safety Features:
  - Air-Fuel Ratio (AFR) sensor
  - Exhaust & Water Temperature Safety Control
  - Overheat Cutoff Fuse
- Internal Freeze-Protection System
- Manual reset high limit switch
- Easy-link up to 4 units without multi-unit controller
- HRS 35 Copper on Heat Exchanger

## Venting & Combustion

- No Venting Required
- Electric Ignition

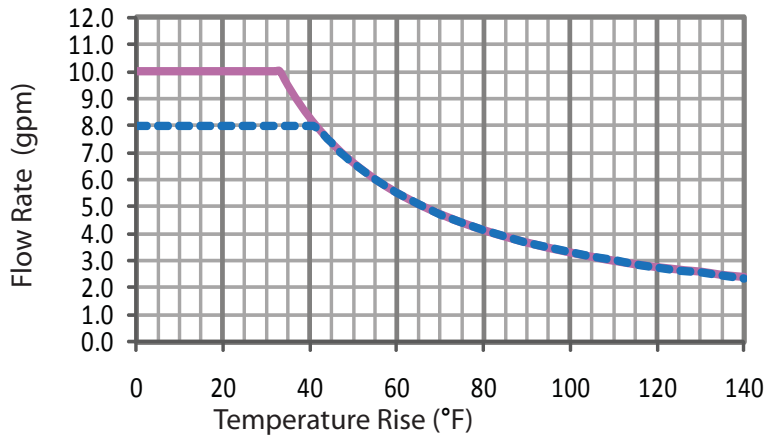
## Accessories

- TM-RE30  
Temperature Remote Controller
- TK-PC01  
Pipe Cover
- TK-RB02  
Recess Box

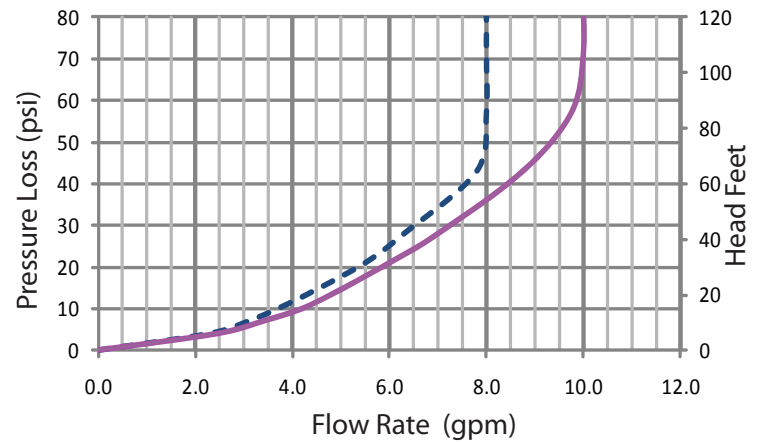
# T-D2-OS



**Flow Rate vs. Temperature Rise**



**Pressure Loss**



————— Set Temperature : 122 °F & lower

----- Set Temperature: 131 °F & higher

|                       |                                                                                           |                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Installation Type     | Outdoor Only                                                                              |                                                                                                                                                 |
| Electric Consumption  | 120 VAC ; Standby: 0.05 A, Operation: 0.75 A, Freeze-Protection: 0.93 A                   |                                                                                                                                                 |
| Fuel                  | NG                                                                                        | LP                                                                                                                                              |
| Gas Consumption Input | Min 11,000 BTU/h                                                                          | Min 11,000 BTU/h                                                                                                                                |
|                       | Max 199,000 BTU/h                                                                         | Max 199,000 BTU/h                                                                                                                               |
| Energy Factor         | 0.82                                                                                      | 0.82                                                                                                                                            |
| Inlet Gas Pressure    | Min 5.0" W.C.                                                                             | Min 8.0" W.C.                                                                                                                                   |
|                       | Max 10.5" W.C.                                                                            | Max 14.0" W.C.                                                                                                                                  |
| Flow Rate             | Max 10.0 GPM                                                                              |                                                                                                                                                 |
| Water Pressure        | 15-150 psi                                                                                | Pressure Only Relief Valve Required<br>(Min 200,000 BTUs. 150 psi)                                                                              |
|                       |                                                                                           | 40 psi or above recommended for maximum Flow                                                                                                    |
| Temperature Settings  | Without Remote (Dipswitch Setting)                                                        | 104°F, 113°F, 122°F (Default), 131°F, 140°F, 158°F, 176°F, 185°F                                                                                |
|                       | With TM-RE30 Temperature Remote Controller : 99°F to 185°F, 122°F Default Factory Setting | 99°F, 100°F, 102°F, 104°F, 106°F, 108°F, 109°F, 110°F, 111°F, 113°F, 115°F, 117°F, 122°F (Default), 131°F, 140°F, 158°F, 167°F, 176°F and 185°F |

The manufacturer reserves the right to change or discontinue the design, drawing and/or specification of its products without notice at anytime.