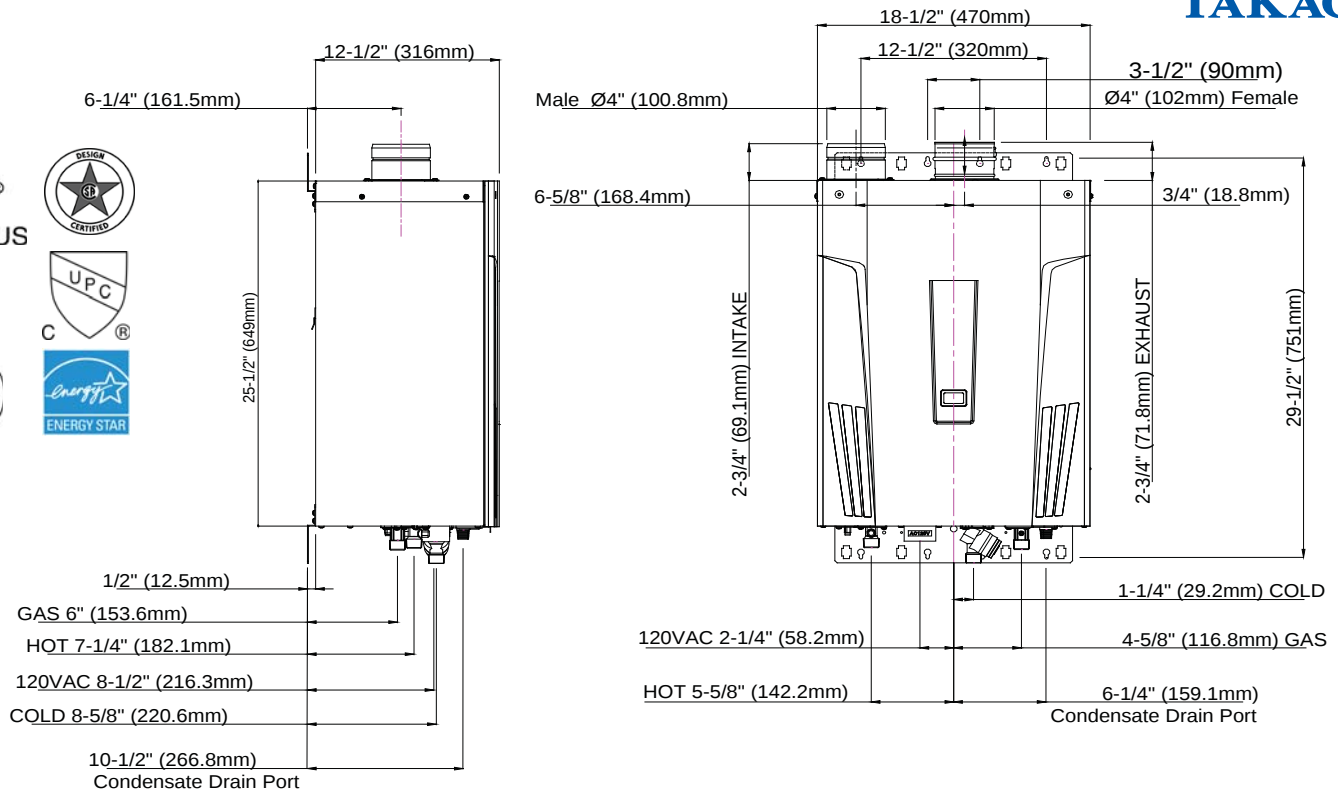


T-H2-DV



Dimension	H25.6" x W18.5" x D12.4" Weight: 73 lbs
Hot/Cold/Gas Connection	3/4" NPT
Clearances	Top: 12" Bottom: 12" Front: 4" Back: 0.5" Sides: 3"

Features

- High Efficiency, Condensing Model
- Low Emission, Low NOx
- Easy-Link Up to 4 Units
- Safety Features:
 - Air-Fuel Ratio (AFR) sensor
 - Exhaust & Water Temperature safety Control
 - Overheat Cutoff Fuse
- Internal Freeze-Protection System
- HRS 35 Copper on Primary Heat Exchanger and SS 316L on Secondary Heat Exchanger
- Built-in temperature, flow rate, and diagnostic display

Venting & Combustion

- Horizontal or Vertical Installation
- Power Vent
- Electric Ignition
- 50' Max Length, 5 elbows max (90°elbow = 5' equivalent length)
- Flue 4" O.D.
 - Schedule 40 PVC/ ABS Venting (PVC Adaptor included, TH-PA01)
 - Category III/IV Stainless Steel
- Intake 4" O.D.
 - ABS, PVC, Galvanized Steel, Corrugated Stainless Steel or Category III/IV Stainless Steel

Accessories

- **TM-RE30**
Temperature Remote Controller
- **TH-PC02**
Pipe Cover
- **TH-NT01**
Neutralizer Kit
- **TK-IV01**
Isolation valve Kit
- **TH-PA01**
PVC Adaptor (included)

Takagi Industrial Co. USA, Inc.

5 Whatney, Irvine, CA 92618 Tel: (949) 770-7171 Fax: (949) 770-3171

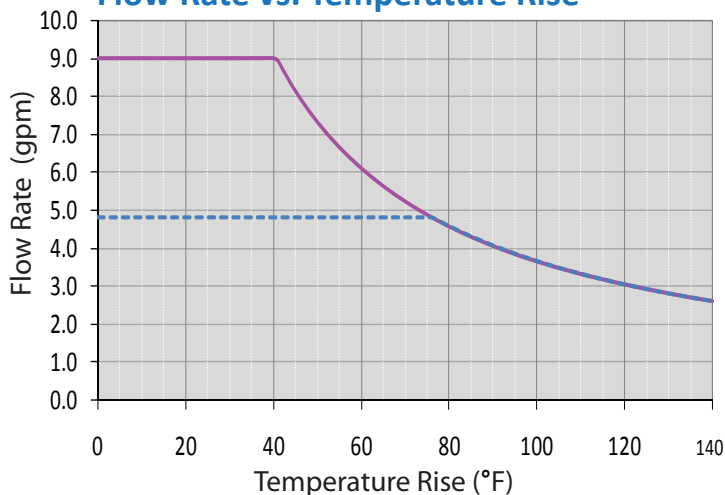
www.takagi.com

S-001-TH2DV-2

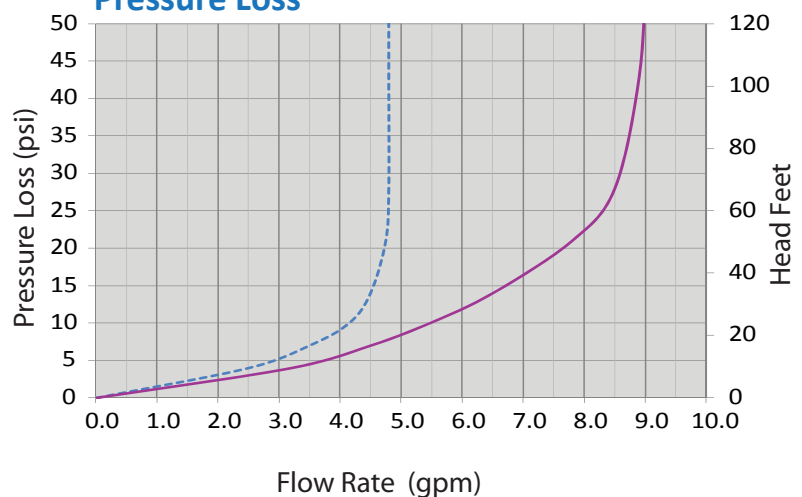
T-H2-DV



Flow Rate vs. Temperature Rise



Pressure Loss



————— Set Temperature : 125 °F & lower

- - - - - Set Temperature: 130 °F & Higher

Installation Type	Indoor, Direct Vent Only	
Electric Consumption	120 VAC ; Standby: 0.07 A, Operation: 1.27 A, Freeze-Protection: 1.73 A	
Fuel	NG	LP
Gas Consumption Input	Min 13,000 BTU/h	Min 13,000 BTU/h
	Max 199,000 BTU/h	Max 199,000 BTU/h
Energy Factor	0.93	0.95
Thermal Efficiency	93.1%	94.7%
AFUE	0.89	0.90
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	0.5-9.0 GPM	Current numbers based on factory testing 0.4 GPM required for continuous fire after initial ignition
Water Pressure	15-150 psi	Pressure Only Relief Valve Required (Min 200,000 BTUs. 150 psi)
		40 psi or above recommended for maximum flow
Temperature Settings	With PCB Push Buttons & LED Display	100°F, 105°F, 110°F, 115°F, 120°F (Default), 125°F, 135°F, 140°F, 145°F, 150°F, 155°F, 160°F, 165°F, 170°F, 175°F and 185°F (16 options)
	With TM-RE30 Temperature Remote Controller 100°F to 185°F with 5°F intervals (18 options), 120°F Default Factory Setting	

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