



37C73U-168

37C SERIES GAS WATER HEATER CONTROLS
 For Replacement of Standard Gas Water Heater Controls with Built-In E.C.O. (Energy Cut Off)

FEATURES

- Automatic shut-off of main and pilot gas in the event of pilot failure.
- Pilot gas cock with safe lighting feature and filter.
- Temperature adjustment.
- Manifold pressure tap.
- Built-In E.C.O. (Energy Cut Off) non-cycling high limit.

SPECIFICATIONS

Inlet Size 1/2" NPT
 Outlet Size 1/2" inverted flare
 Outlet Adapter Fittings 1/2" inverted flare x 3/8" NPT reducer
 (furnished with controls noted below) adapter. 1/2" x 1/2" inverted flare outlet extension adapter
 Mounting 3/4" NPT, 4 1/2" bulb insertion length
 Pilot Connection 1/4" compression fitting

Model Number	Pressure Regulation		Temperature Range	Shank Length	Gas Type
	Main Burner	Pilot			
37C73U-168 ①	3.5" W.C. (A.O. Smith Style)	4.0" W.C.	70 to 160°F (21 to 71°C)	1 1/4"	Natural Gas (Right hand threads)
37C72U-185 ②	10.0" W.C.	10.0" W.C.	70 to 160°F (21 to 71°C)	1 1/4"	L.P. Gas (Left hand threads)

① Outlet adapter fittings included.
 ② Includes Left Hand outlet extension fittings: 1/2" LH x 1/2" LH inverted flare and 1/2" LH x 3/8" LH inverted flare

Replacement Gas Water Heater Controls

Model Number	Replaces OEM Model Number	Main Burner	Pilot	Temperature Range	Shank Length	OEM
37C73U-171	37C73U-274	4.0" W.C. Nat. Gas	4.0" W.C. Nat. Gas	70° - 160°F	2 1/2"	A. O. Smith
37C73U-173	37C73U-640	4.0" W.C. Nat. Gas	4.0" W.C. Nat. Gas	70° - 160°F	1 1/4"	A. O. Smith
37C73U-172	37C73U-641	4.0" W.C. Nat. Gas	4.0" W.C. Nat. Gas	70° - 160°F	2 1/4"	A. O. Smith
37C73U-174	37C73U-652	5.0" W.C. Nat. Gas	5.0" W.C. Nat. Gas	70° - 160°F	1 1/4"	A. O. Smith
37C73U-170	37C73U-836	4.0" W.C. Nat. Gas	4.9" W.C. Nat. Gas	70° - 160°F	1"	Rheem

HYDRONIC / APPLIANCE