

# **Model ZW1017XLHT**

## Agua-Gard® Tempering Mixing Valve

#### **Application**

Ideal for use where Lead-Free\* valves are required. The Zurn Wilkins Model ZW1017XLHT higher temperature range Aqua-Gard® Tempering Mixing Valve, when installed at the hot water source, is designed for radiant heating systems only. The ZW1017XLHT is designed to mix the hot and cold water to establish a mixed temperature range of 80°F to 165°F. WARNING: This device should never be installed at the point of use where the end user could change its setting. It is recommended that the ZW1017X-LHT be installed with shut-off valve and thermometer in the tempered water line to provide accurate and safe water mixing temperature.

### **Standards Compliance**

- ASSE® Listed 1017
- Certified to NSF/ANSI 372\* by IAPMO R&T \*(0.25% MAX. WEIGHTED AVERAGE LEAD CONTENT)

#### **Materials**

Body Low Lead Cast Bronze, ASTM B

584

Internal brass Low Lead Brass, ASTM B 927,

UNS C27450

Piston Polysufone Guide Tube & Checks Noryl GFN2

Spring & Screen 300 Series Stainless Steel

Seals Nitrile Elastomer

# LOW-LEAD WILKINS IAPMOR&T FREE

#### **Features**

Sizes: 3/8", 1/2", 3/4", 1"

Outlet Temp, Range 80-165°F(26.7-73.8°C) Temperature Hot Supply 120-195°F max.

(49-90.5°C)

40-75°F(4.4-23.8°C) Temperature Cold Supply

Set Temperature Accuracy +/- 4°F(2°C) Max. Working Pressure (inlet) 145 psi Max. Working Pressure 1.5-70 psi

(Dvnamic)

Flow rate @ 45 psi pressure loss 18 gpm Min. Flow Rate 0.5 gpm

CPVC tailpiece - Maximum Hot water Temperature

of 180°F @ 100 psi.

В

COLD WATER

HOT WATE

WATER HEATER

DIRECTION OF FLOW △>

- Cold water rated Temperature of 73.4°F @ 400 psi.

TO HOT APPLIANCES

MODEL TP1100A T & P RELIEF VALVE

**Domestic Water Heater** 

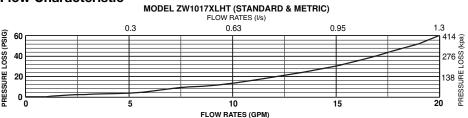
**Application** 

MODEL ZW1017XLHT TEMPERING MIXING VALVE TEMPERED WATER

#### Dimensions & Weights (do not include pkg.)

	MODEL	INLET & OUTLET	DIMENSIONS (approximate)						   WEIGHT	
			Α		В		С		WEIGHT	
			in.	mm	in.	mm	in.	mm	lbs.	kg
	38-ZW1017XLHTCOMP	3/8" Compression	5 11/16	145	3 5/8	92	5 13/16	148	2	1
ĺ	12-ZW1017XLHT	1/2" FNPT	F 7/46	420	2.2/0	0.0	E 4/4	422	2	
	12-ZW1017XLHTC	1/2" CU Sweat	5 7/16	138	3 3/8	86	5 1/4	133	-	1
	12-ZW1017XLHTCPVC	1/2" CPVC	5 7/8	149	3 13/16	97	6 3/16	157	2	1
	12-ZW1017XLHTPEX	1/2" Barb	5 9/16	141	3 1/2	89	5 9/16	141	2	1
	12-ZW1017XLHTPEXF1960	1/2" Barb	5 3/8	137	3 5/16	85	5 1/4	133	2	1
Ī	34-ZW1017XLHT	3/4" FNPT	5 1/2	140	3 1/2	89	5 7/16	138	2	1
	34-ZW1017XLHTC	3/4" CU Sweat	3 1/2	140	3 1/2	09	3 7/10	130		'
	34-ZW1017XLHTCPVC	3/4" CPVC	5 7/16	138	3 3/8	86	5 5/16	135	2	1
	34-ZW1017XLHTPEX	3/4" Barb	5 9/16	141	3 1/2	89	5 9/16	141	2	1
	34-ZW1017XLHTPEXF1960	3/4" Barb	5 3/4	146	3 11/16	94	5 11/16	151	2	1
	34-ZW1017XLHTM	3/4" MNPT	6 1/4	159	4 1/4	108	7	178	2	1
	1-ZW1017XLHTC	1" CU Sweat	5 1/2	140	3 7/16	87	5 3/16	132	2	1

#### Flow Characteristic



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