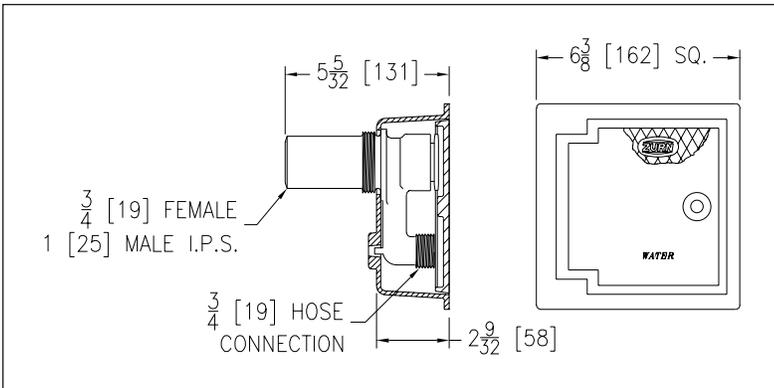
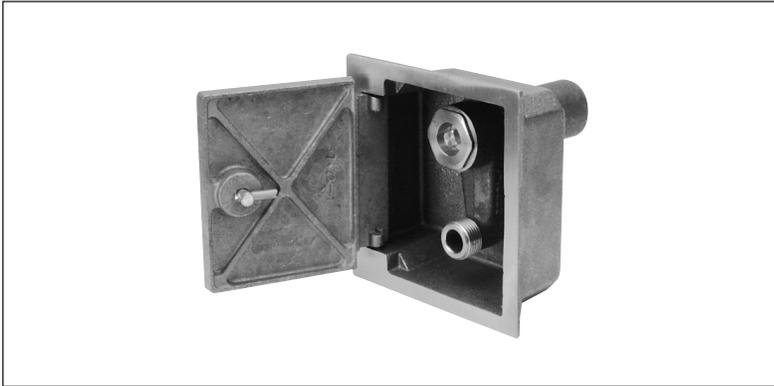


## Z1335 WALL HYDRANT



**ENGINEERING SPECIFICATION:** ZURN Z1335 Encased flush wall hydrant, for moderate climate and interior wall installation. Complete with all bronze interior parts, non-turning operating coupling with free-floating compression closure valve and replaceable bronze seat and seat washer, and 3/4" [19 mm] female IP inlet. Nickel bronze box and hinged cover with operating key lock and "WATER" cast on cover.

### Z1335 Wall Hydrant

The Z1335 is an encased, moderate climate, interior use wall hydrant designed for applications such as office buildings, supermarkets, and malls.

#### Hydrant Features

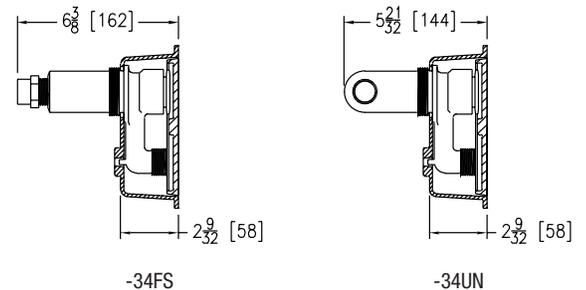
- **Certification** – IAPMO® listed.
- **Valve Seat** – Removable bronze valve seat with circular seating surface.
- **Valve** – One-piece assembly, replaceable, free-floating compression closure valve plunger operates the water flow with a maximum of two (2) turns.
- **Operating Screw** – Brass operating screw secured with polished brass face nut.
- **Box and Cover** – Nickel bronze box and hinged, scoriated cover with "WATER" stamping.
- **Approximate Shipping Weight** – 8 lbs. [4 kg]
- **Operating Pressures** – Minimum running pressure 8 psi. Maximum static pressure 125 psi.
- **Water Temperature Range** – Minimum 33°F. Maximum 130°F.

#### OPTIONS

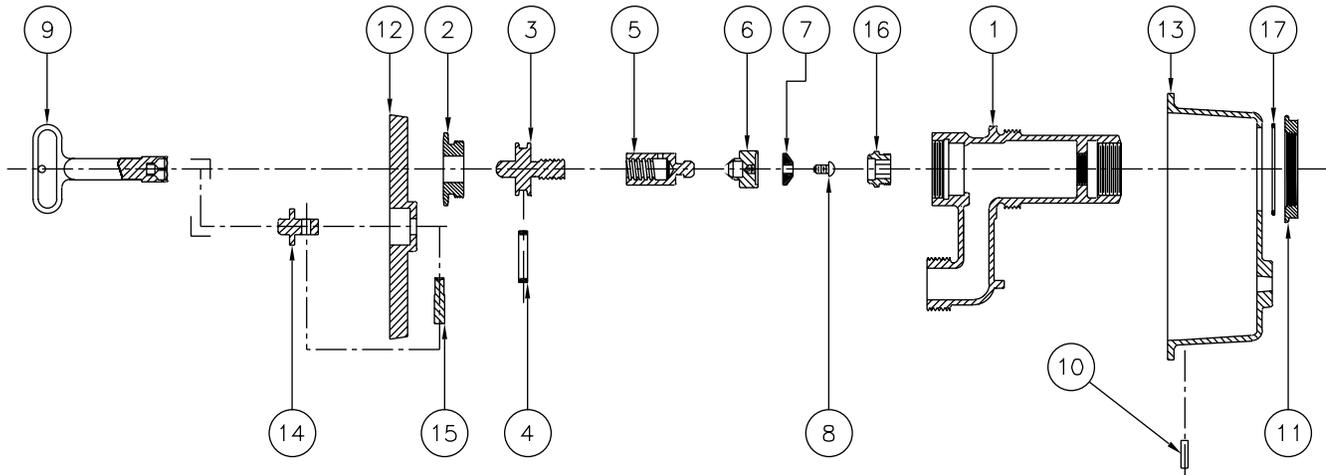
#### SUFFIXES

- CI D.C.C.I. Box and Cover
- CL Cylinder Lock
- PB Polished Bronze Face
- RB Plain Bronze Face
- RK Hydrant Parts Repair Kit
- 34FS 3/4" [19 mm] Solder Female Inlet Adapter
- 34UN 3/4" [19 mm] IP 90° Inlet Elbow

#### Inlet Descriptions

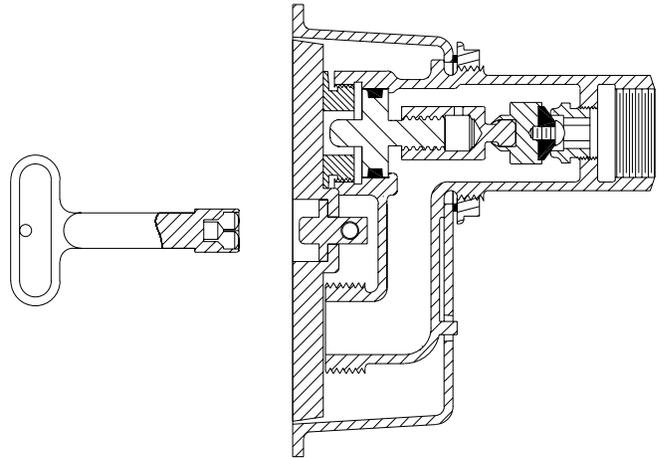


**Z1335 WALL HYDRANT Parts Assembly and Parts List**



**Z1335 Parts List**

Item	Description	Qty.	Part No.
1	Head	1	25331-001
2	Face Nut	1	22156-002
*3	Operating Screw	1	25049-001
*4	O-Ring	1	23750-028
*5	Operating Coupling	1	25330-001
*6	Washer Guide	1	25050-001
*7	Washer	1	23075-001
*8	Screw #10-24 NC	1	14853-042
*9	Hydrant Key	1	59546-001
10	Hinge Pin	2	45553-011
11	Locknut	1	25242-001
12	Hydrant Cover	1	26135-001
13	Hydrant Body	1	25301-001
14	Locking Pin Mounting	1	25306-001
15	Locking Pin	1	25307-001
*16	Removable Seat	1	25262-001
17	Gasket	1	21425-060



\*Items are available in -RK Repair Kit Option bag (#66955-205-9).

## Z1335 WALL HYDRANT Troubleshooting Guide

### Z1335 Troubleshooting Guide

PROBLEM	CAUSE	SOLUTION
Hydrant will not operate when turned on.	Water supply is shut off.	Turn on water supply.
Cannot turn the hydrant on with key.	Hydrant hasn't been used for a long time – O-Ring has adhered to the operating screw and head.	Follow steps 1-2, 4, and 7-8 of the Service Guide.
Water does not shut off completely when hydrant is turned off.	Debris between seat and washer.	Follow steps 1-3 and 6-8 of the Service Guide. Clean by turning water supply on and flush hydrant.
	Washer is worn out.	Follow steps 1-3 and 5-8 of the Service Guide.
	Wire draw in seat.	Replace seat.
Hydrant exhibits low flow.	Water supply to hydrant is restricted.	Check water supply to ensure that all upstream valves are fully open.

## Z1335 WALL HYDRANT Service Guide

### Z1335 Service Guide

#### Step 1: Shutting Off the Water Supply to the Hydrant

Locate the supply shut-off valve and rotate until water supply is off.

#### Step 2: Removing the Face Nut and Adjacent Components

Using crescent wrench or 1-1/2 inch open-end wrench, remove the face nut (2) from head (1) by turning counterclockwise.

#### Step 3: Removing the Internal Operating Assembly

The internal operating assembly (3-8) can be removed by gripping the square end of the operating screw (3) with a pair of pliers and pulling straight out.

If the operating screw O-Ring was not the reason for service – skip to step 5.

#### Step 4: Replacing the Operating Screw O-Ring

Remove the operating screw (3) from operating coupling (5) by turning clockwise and slip the old O-Ring (4) off, and replace with new O-Ring (4). Reinstall operating screw (3) into operating coupling (5) by turning counterclockwise. (**Note:** Lubricate the operating screw (5) threads and the O-Ring (4) with Lubriplate FGL-2 if needed.)

If the hydrant shutoff washer was not the reason for service – skip to step 8.

#### Step 5: Replacing the Hydrant Shutoff Washer

Remove #10-24 NC x 3/8 screw (8) using a flat screwdriver and turning screw (8) counterclockwise, remove washer (7) and replace with new washer (7) and new screw (8) turning screw clockwise until tight.

#### Step 6: Replacing the Internal Operating Assembly

There is a flat or a V-notched boss inside of the hydrant head (1) that keeps the operating coupling (5) from rotating when hydrant is turned on and off. With operating screw (3) turned counterclockwise into operating coupling (5) until it stops, and making sure that a flat side or corner of operating coupling (5) lines up with appropriate boss, reinsert the internal operating assembly into the hydrant.

#### Step 7: Replacing the Face Nut

Insert face nut (2) into head (1), and rotate clockwise until hand tight, then using a crescent wrench or 1-1/2 inch open end wrench, snug nut (2) tight.

#### Step 8: Turning On the Water Supply

Locate the water supply shut-off valve and rotate until water supply is on.

⚠ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
 ⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
 ⚠ **AVERTISSEMENT:** Cancer et effets néfastes sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**Z1335 WALL HYDRANT 3/4" Hose Connection Chart and Graph**

Z1335 Wall Hydrant – 3/4" Hose Connection				
Static Pressure (psi)	Running Inlet Pressure (psi)	Running Outlet Pressure (psi)	Flow Rate (gpm)	Pressure Drop Across Unit (psi)
10	5.5	1.5	6.8	3.9
20	12.5	3.7	10.3	8.8
30	21.0	6.7	13.3	14.3
40	28.9	9.5	15.7	19.5
50	37.5	12.5	17.8	25.0
60	44.2	14.9	19.4	29.3
70	56.6	19.3	21.9	37.3
80	64.2	21.9	23.3	42.2
90	70.8	24.3	24.5	46.5

