

## Thirty Years of Ford Check Valves

### HISTORY

In the summer of 1976, Ford Meter Box introduced its first check valve. Designed to work as an integral part of a meter setting, Ford's new valves were an instant hit with water utilities. For the past thirty years, Ford Meter Box has developed a comprehensive variety of check valves for use at the meter. Today, Ford's broad line of check valves can meet your unique needs. Ford check valves are available in sizes from 5/8" to 2" and can be an integral part of Ford Coppersetters, Pit Setters, Iron Yoke Settings and Yokeboxes.



*HHCA31-323  
Angle Cartridge  
Style Dual  
Check Valve.*

*Ford Cartridge  
Style Dual Check  
Valves feature  
cartridges that  
are accessible  
without disturbing  
the valve or  
meter setting.*

### CARTRIDGE DUAL CHECK VALVES

Ford Cartridge Dual Check Valves are approved by the American Society of Sanitary Engineering (ASSE) to meet or exceed all the requirements of ASSE Standard #1024 - 2004. Water pressure head loss through the checks is lower than the maximum allowed by ASSE, ensuring adequate delivery to your customers. Excellent corrosion resistance is provided by the use of stainless steel and plastic working parts and a body cast from AWWA standard 85-5-5-5 brass. The unique angle design of the Ford Angle Cartridge Dual Check Valve (U.S. PAT. NO. 5148828) features a removable O-ring sealed cap at the top of the valve. This allows easy

in-line access to the dual check components for maintenance, inspection, or replacement. Ford Cartridge Dual Check Valves are available as in-line accessible angle and straight styles. Ford Cartridge Dual Check Valves are intended for service use as stipulated by ASSE-1024.



*HHCH31-323 Straight  
Cartridge Style Dual  
Check Valve.*

### CHECK VALVE INSPECTION AND REPAIR

The Ford Meter Box Company recommends periodic check valve inspection and testing. A reasonable inspection interval is subject to the particular water and service conditions that are known and somewhat controlled by the water purveyor. Ford recommends that each purveyor establish a check valve examination, testing and maintenance program based on practical experience and proper judgment. A testing program that contains the appropriate frequency and scope will establish a practical life expectancy and favorable performance that is most suitable for the particular water and service conditions of each purveyor.

### CHECK VALVE REPAIR KITS

Ford Meter Box complements its line of check valves with check valve repair kits. Check valves are mechanical devices and are subject to fouling, wear and mineral deposits. Ford repair kits can be found in Catalog Section I, page 16, or simply look on the back of this Meter Setter for a listing of Ford repair kits.



# Check Valve Repair Kits

## Internal Working Parts and Gaskets

Check valves are mechanical devices subject to fouling, wear and mineral deposits. Inspection and maintenance are critical for continued operation.

CATALOG NUMBER	DESCRIPTION
<b>FOR SINGLE CHECKS</b>	
HRK-3	3/4" and 1" "HA", "HS" and 3/4" Kornerhorn Check Valve Repair Kit
HRK-6	1-1/2" "HS", "HFA" and "HFS" Check Valve Repair Kit
HRK-7	2" "HS", "HFA" and "HFS" Check Valve Repair Kit
<b>FOR DUAL CHECKS</b>	
HHARK-1	5/8" HHA31-313 Dual Check Valve Repair Kit
HHRK-3	3/4" and 3/4"x1" "HHA" and "HHS" Dual Check Valve Repair Kit
HHCRK-3	3/4" "HHCA" and "HHC" Cartridge Style Dual Check Valve Repair Kit
HHCRK-4	1" "HHCA" and "HHC" Cartridge Style Dual Check Valve Repair Kit
HHRK-7	2" "HHFA" Dual Check Valve Repair Kit

Ford Check Valves have the type of valve imprinted on the valve body.  
Example: "HA", "HS", "HFA", "HFS", "HHA", "HHS", "HHC" or "HHCA"

### Dual Cartridge Check Repair Kit

Item	Description	Quantity
1	HHCA Access Cap O-Ring (Angle Style)	1
2	HHC Flat Gasket (Straight Style)	1
3	Check Valve Assembly	2

### Dual Cascading Check Repair Kit

Item	Description	Quantity
1	Access Cap O-Ring	1
2	Check Valve Assembly (4 separate items)	1
3	Rubber Damper	1