



Build With Purpose

P-RH4 Sanitary Roof Hydrant

Find us in

MasterSpec

a product of The American Institute of Architects



full view



PRIER's P-RH4 Sanitary Roof Hydrant stores water in a lead free canister instead of requiring a drain line like traditional roof hydrants. While opening, the stored water re-enters the flow path and is first to exit the hydrant. The P-RH4 uses a piston system, rather than venturi, so it does not require winterization.

The Roof Mounting Bracket enables the hydrant to be attached to any structural member with rigid support, instead of to the skin of the building.

The bracket requires a single penetration point in the roof of 3 5/8", and can be attached to concrete, wood or steel, I-beams, trusses, perlins or other structures with standard construction materials (Unistrut, threaded rods, or other).

- **Freezeless**
- **Lead Free**
- **No Drain Line Needed**
- **No Winterization Needed**

FEATURES

- Single hole penetration in roof of just 3 5/8"
- No winterization required, drain water contained within hydrant
- Standard 3/4" Garden Hose Outlet
- 1" NPT inlet
- ASSE 1057 and NSF 372 approved
- Component maintenance can be completed at roof level
- Hydrant head marked for High "H" or Low "L" desired flow rates
- Heavy-duty ductile cast iron head and lockable lever handle
- Easy to open and close O-ring seals utilizing pressure balance design
- High flow rate of 10 gallons per minute at 25 PSI differential
- Bucket catch on spout
- Included roof mounting bracket attaches to any roof structural member (truss, I-beam, concrete roof, or other)

ORDERING

P-RH4

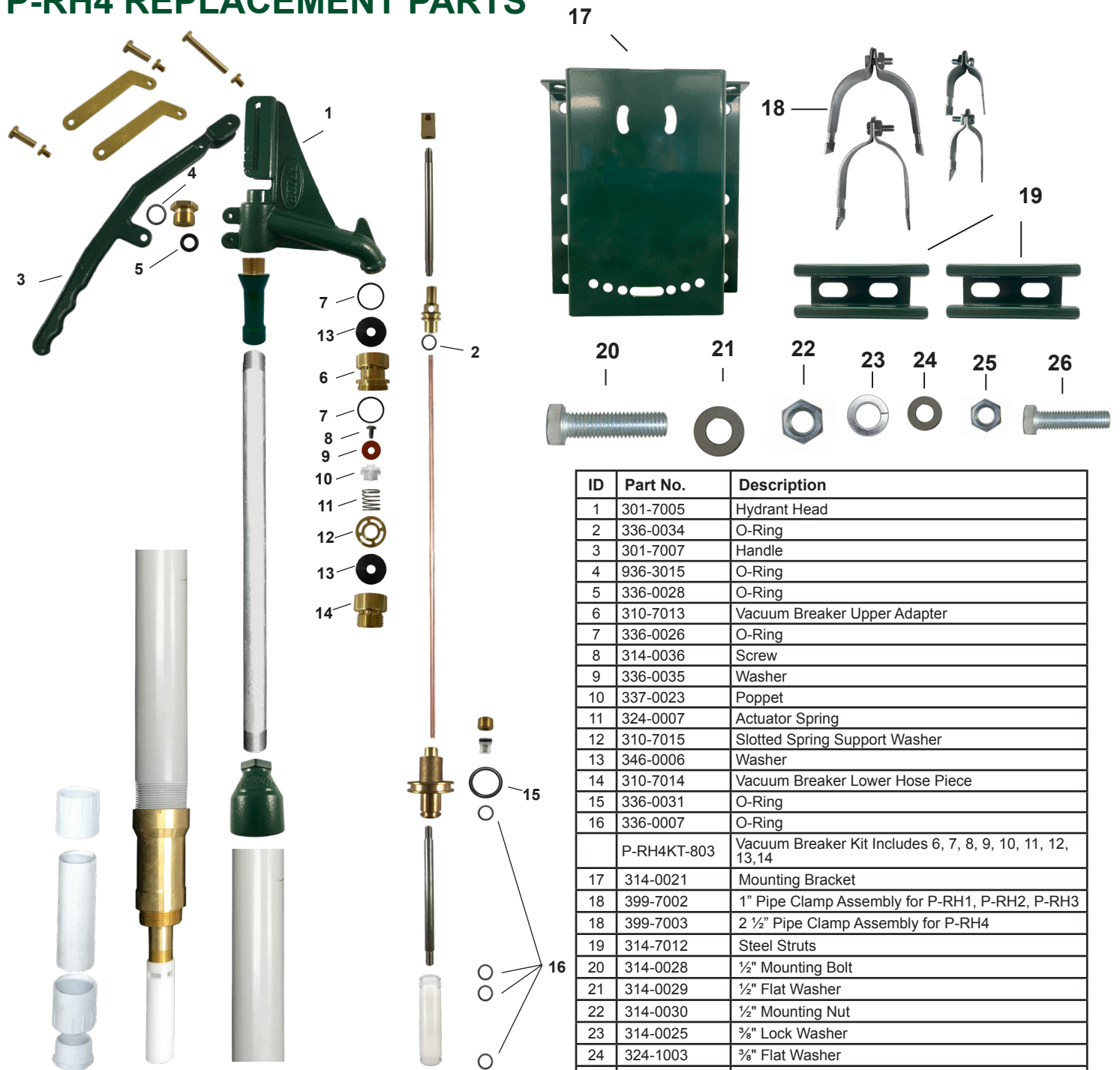
Type

H4- Sanitary Roof Hydrant



Build With Purpose

P-RH4 REPLACEMENT PARTS



ID	Part No.	Description
1	301-7005	Hydrant Head
2	336-0034	O-Ring
3	301-7007	Handle
4	936-3015	O-Ring
5	336-0028	O-Ring
6	310-7013	Vacuum Breaker Upper Adapter
7	336-0026	O-Ring
8	314-0036	Screw
9	336-0035	Washer
10	337-0023	Poppet
11	324-0007	Actuator Spring
12	310-7015	Slotted Spring Support Washer
13	346-0006	Washer
14	310-7014	Vacuum Breaker Lower Hose Piece
15	336-0031	O-Ring
16	336-0007	O-Ring
	P-RH4KT-803	Vacuum Breaker Kit Includes 6, 7, 8, 9, 10, 11, 12, 13, 14
17	314-0021	Mounting Bracket
18	399-7002	1" Pipe Clamp Assembly for P-RH1, P-RH2, P-RH3
18	399-7003	2 1/2" Pipe Clamp Assembly for P-RH4
19	314-7012	Steel Struts
20	314-0028	1/2" Mounting Bolt
21	314-0029	1/2" Flat Washer
22	314-0030	1/2" Mounting Nut
23	314-0025	3/8" Lock Washer
24	324-1003	3/8" Flat Washer
25	314-0027	3/8" Hex Nut
26	314-0035	3/8" Bolt

SPECS

Furnish and install Model P-RH4 Sanitary Roof Hydrant manufactured by PRIER Products, Inc. It must be listed to ASSE 1057 and NSF 372 standards. This hydrant shall have freeze protection and a vacuum breaker/backflow preventer. Hydrant head shall be durable cast iron with freezless water flow and self-contained draining functions. Hydrant must be multi-piston design and completely evacuate drain canister upon use. The hydrant shall have a 1" NPT inlet and does not require winterization or a drain line. The roof penetration is to be sealed by the roofing contractor in accordance with the roofing codes and condition in their municipality. Hydrant shall be installed through a 3 3/8" single penetration in the roof and mounted to the interior structure with the Roof Hydrant Mounting Bracket (P-RMB) provided. This bracket must be manufactured of heavy gauge powder-coated steel and must allow for adjustment to meet roof angles up to 2/12 pitch. The mounting bracket shall be attached to concrete, a roofing truss, steel I-beam or interior wall with standard construction materials (threaded rods, Unistrut or other).