



## PUMP COMPANY

Zoeller Family of Water Solutions™

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SECTION: 2.60.020

FM1709

0113

Supersedes

0812

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

## PVC PLASTIC TYPE UNICHECKS

### COMPARE THESE FEATURES

### THE "QUIET CHECK" PVC SOLVENT WELD WITH UNION CHECK VALVE

| ITEM NUMBER                                       | PIPE SIZE | VALVE BODY | WEIGHT EACH | LENGTH       | CARTON QUANTITY |
|---------------------------------------------------|-----------|------------|-------------|--------------|-----------------|
| 30-0040                                           | 1½ inch   | White      | 2 lbs.      | 9.50 inches  | 12              |
| 30-0041                                           | 1½ inch   | Clear*     | 2 lbs.      | 9.50 inches  | 12              |
| 30-0042                                           | 2 inches  | White      | 3 lbs.      | 10.50 inches | 12              |
| 30-0043                                           | 2 inches  | Clear*     | 3 lbs.      | 10.50 inches | 12              |
| 30-0044                                           | 3 inches  | White      | 3 lbs.      | 9.50 inches  | 8               |
| 30-0045                                           | 3 inches  | Clear*     | 3 lbs.      | 9.50 inches  | 8               |
| 30-0241                                           | 1½ inches | White      | 1.2 lbs.    | 10.50 inches | 12              |
| 30-0242                                           | 1½ inches | Clear*     | 1.2 lbs.    | 10.50 inches | 12              |
| 30-0243                                           | 2 inches  | White      | 1.8 lbs.    | 11.50 inches | 12              |
| 30-0244                                           | 2 inches  | Clear*     | 1.8 lbs.    | 11.50 inches | 12              |
| <b>QUIET CHECKS WITH QUARTER TURN BALL VALVES</b> |           |            |             |              |                 |
| 30-0046                                           | 1½ inch   | White      | 3 lbs.      | 14.75 inches | 12              |
| 30-0047                                           | 1½ inch   | Clear*     | 3 lbs.      | 14.75 inches | 12              |
| 30-0048                                           | 2 inches  | White      | 4 lbs.      | 16 inches    | 12              |
| 30-0049                                           | 2 inches  | Clear*     | 4 lbs.      | 16 inches    | 12              |

\* Clear check valve body allows easy viewing of conditions inside the valve.

| P / N  | Service Part        |
|--------|---------------------|
| 152294 | 1½" union assembly  |
| 152293 | 2.0" union assembly |



P/N 30-0040  
White PVC



P/N 30-0041  
Clear PVC



P/N 30-0046  
White PVC



P/N 30-0242  
Clear PVC

- 1/2 lb. spring "magically" eliminates water hammer
- Reduces motor and pump noise from plumbing system
- Designed for both horizontal and vertical usage
- Full flow, non-clog design installation
- Durable constructed PVC check body and compression end fittings
- Solvent weld ends allow for easy installation
- 30-0044 and 30-0045, no unions, solvent weld only
- No threading of pipe required
- **Pressure rated at 50 PSI (115')**  
**40 PSI (92') for P/N 30-0241 & 30-0242**  
**30 PSI (69') for P/N 30-0243 & 30-0244**
- **Consult factory if use over 130° F required**
- **Suitable for installation below basin cover**

## COMPRESSION TYPE UNICHECKS



P/N 30-0030



P/N 30-0020



P/N 30-0015

| ITEM NUMBER | PIPE SIZE | WEIGHT   | LENGTH    | CARTON QUANTITY |
|-------------|-----------|----------|-----------|-----------------|
| 30-0015     | 1½ inch   | 1.1 lbs. | 7½ inches | 12              |
| 30-0020     | 2 inches  | 1.7 lbs. | 9¾ inches | 12              |
| 30-0030     | 3 inches  | 5 lbs.   | 14 inches | 2               |

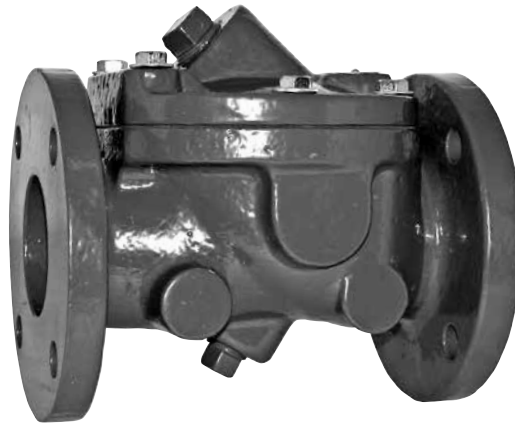
\*Pressure rated to 125 psi (285') at 75° F.

GENERAL CAUTION: Water hammer creates momentary high pressure surges. These surges can cause severe damage to check valves and the piping system. Consideration for water hammer must be included in the piping system design. Reference ASPE Data Book, Chapter 2.33. May require check valves with special non-slam features or other engineered solutions.

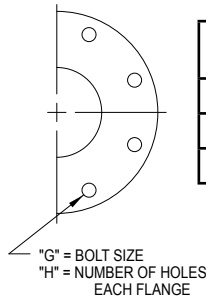
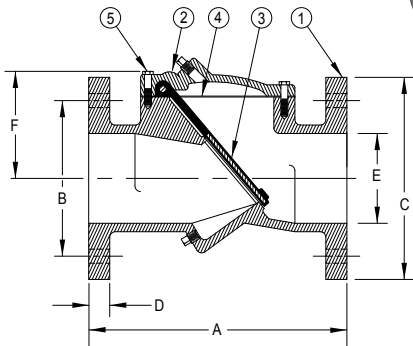
## 3" & 4" FLANGED CHECK VALVES

### Features:

- Heavy-duty ductile iron construction
- Angled seal for non-slam closure
- Non-clog design
- Reinforced disc
- Drip tight seating
- Rated up to 250 PSIG
- Designed for both horizontal and vertical usage
- Optional backflow actuator and mechanical indicator



| PART NUMBER | PART NAME  | MATERIAL                                |
|-------------|------------|-----------------------------------------|
| 1           | Body       | Ductile iron ASTM A536, Grade 65-45-12  |
| 2           | Cover      | Ductile iron ASTM A536, Grade 65-45-12  |
| 3           | Disc       | Buna-N w/ steel and nylon reinforcement |
| 4           | Gasket     | Compressed nonasbestos fiber            |
| 5           | Cover Bolt | Alloy steel SAE Grade 5                 |



| PART NUMBER | VALVE SIZE | "A"    | "B"   | "C"   | "D"   | "E"   | "F"   | "G" | "H" | WEIGHT  |
|-------------|------------|--------|-------|-------|-------|-------|-------|-----|-----|---------|
| 6030-0197   | 2-1/2"     | 8-1/2  | 5-1/2 | 7     | 11/16 | 2-1/2 | 3-3/8 | 5/8 | 4   | 32 lbs. |
| 6030-0202   | 3"         | 9-1/2  | 6     | 7-1/2 | 3/4   | 3     | 5-1/8 | 5/8 | 4   | 37 lbs. |
| 6030-0203   | 4"         | 11-1/2 | 7-1/2 | 9     | 15/16 | 4     | 5-3/4 | 5/8 | 8   | 63 lbs. |

## 2" - 3" - 4" CAST IRON PLUG VALVES

Threaded Connection - 2" & 3"  
Flanged Connection - 3" & 4"



### Features:

- Designed to handle solids bearing flows
- Cast iron housing - rated 175 psi
- 99% pure nickel welded seat
- 1/4 turn Buna plug
- Upper and lower ball bearings
- Provided with hand lever



\* Hand lever not shown in pictures.

| THREADED MODELS |             |        |         |         |
|-----------------|-------------|--------|---------|---------|
| SIZE            | PART NUMBER | WIDTH  | HEIGHT  | WEIGHT  |
| 2"              | 6030-0082   | 5-1/4" | 7-1/8"  | 12 LBS. |
| 3"              | 6030-0083   | 8-3/4" | 14-1/8" | 45 LBS. |

| FLANGED MODELS |             |       |         |         |
|----------------|-------------|-------|---------|---------|
| SIZE           | PART NUMBER | WIDTH | HEIGHT  | WEIGHT  |
| 3"             | 6030-0085   | 8"    | 14-1/8" | 53 LBS. |
| 4"             | 6030-0086   | 9"    | 16-3/4" | 66 LBS. |

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