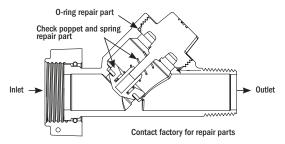


Installation Instructions

Accessible Single Check Backflow Preventers/Device

COMPONENTS & REPAIR PARTS



7101 Series - Model Number Explanation

SPACE 1, 2, 3, & 4 SPACE 7 Inlet Connection Type:

H - Meter Swivel Integral with Saddle **Basic Single Check Valve** Model Number: 7101 = Accessible Inline Single Check | J - Meter Swivel Integral SPACE 5 SPACE 8 Outlet Connection Type: (-) Standard P - Male Iron Pipe Integral SPACE 6 Single Check Valve Size:

Blank

SPACE 10 Thread Size of Meter Swivel Nut METER DESIGNATION METER THREAD SIZE SIZE 5/8" 5/8" X 3/4" 3/4" 1" 1 1/4" 5

SPACE 11

Sizes for Outlet Connections: 3/4" = 3, 1" = 4

HOW TO ORDER

3 = 3/4", 4 = 1"

Not all sizes or combinations available - contact factory.

UNIT REQUIRED (Example):

- Accessible Inline Single Check
- Valve size 3/4"
- Inlet Meter swivel integral (5/8 x 3/4 meter) Outlet - MNPT integral 3/4"

Order Model 7101-3JP 43

SPACE 1, 2, 3, & 4	SPACE 5	SPACE 6	SPACE 7	SPACE 8	SPACE 9	SPACE 10	SPACE 11
7101	-	3	J	Р		4	3

(Installation and test procedures on opposite side)

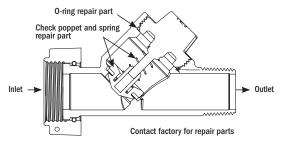
800-292-2737 | sales@aymcdonald.com | aymcdonald.com 3210-558



Installation Instructions

Accessible Single Check Backflow Preventers/Device

COMPONENTS & REPAIR PARTS



Model Number Explanation

1 101 Selles - Model M	illinei Expialiation ——		
	SPACE 7 Inlet Connection Type: H - Meter Swivel Integral with Saddle		METER
7101 = Accessible Inline Single Check SPACE 5 (-) Standard	SPACE 8 Outlet Connection Type: P - Male Iron Pipe Integral	SIZE SIZE 5/8" 3/4" 5/8" X 3/4" 1" 3/4" 1" 1 1/4"	DESIGNATION 3 4 4 5
SPACE 6 Single Check Valve Size: 3 = 3/4", 4 = 1"	 SPACE 9 Blank	SPACE 11 Sizes for Outlet Co 3/4" = 3, 1" = 4	-

HOW TO ORDER

Not all sizes or combinations available - contact factory.

UNIT REQUIRED (Example):

- Accessible Inline Single Check
- Valve size 3/4"
- Inlet Meter swivel integral (5/8 x 3/4 meter) Outlet - MNPT integral 3/4"

Order Model 7101-3JP 43

SPACE 1, 2, 3, & 4	SPACE 5	SPACE 6	SPACE 7	SPACE 8	SPACE 9	SPACE 10	SPACE 11	
7101	-	3	J	Р		4	3	

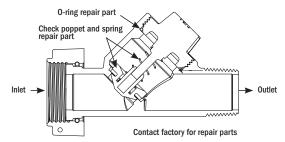
(Installation and test procedures on opposite side)



Installation Instructions

Accessible Single Check Backflow Preventers/Device

COMPONENTS & REPAIR PARTS



7101 Series - Model Nı	ımher Explanation ———	
1101 001100 1110001 111	ambor Explanation	
SPACE 1, 2, 3, & 4	SPACE 7	SPACE 10
Basic Single Check Valve	Inlet Connection Type:	Thread Size
Model Number:	H - Meter Swivel Integral with Saddle	
7101 = Accessible Inline Single Check	J - Meter Swivel Integral	SIZE
CDAOF F	CDACE O	5/8"
SPACE 5	SPACE 8	5/8" X 3/4"
(-) Standard	Outlet Connection Type:	3/4"
SPACE 6	P - Male Iron Pipe Integral	1" 1
		SPACE 11
Single Check Valve Size:	SPACE 9	
3 = 3/4", 4 = 1"	Blank	Sizes for Ou

Thread Size of Meter Swivel Nut THREAD SIZE METER DESIGNATION METER SIZE 5/8" 5/8" X 3/4" 3/4" 1" 1 1/4" 5

SPACE 11 Sizes for Outlet Connections: 3/4" = 3, 1" = 4

HOW TO ORDER

Not all sizes or combinations available - contact factory.

UNIT REQUIRED (Example):

- Accessible Inline Single Check
- Valve size 3/4"
- Inlet Meter swivel integral (5/8 x 3/4 meter) Outlet - MNPT integral 3/4"

Order Model 7101-3JP 43

1, 2, 3, & 4	SPACE 5	SPACE 6	SPACE 7	SPACE 8	SPACE 9	SPACE 10	SPACE 11	
7101	-	3	J	P		4	3	

(Installation and test procedures on opposite side)

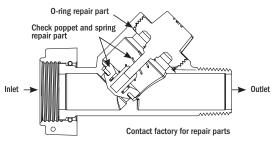
800-292-2737 | sales@aymcdonald.com | aymcdonald.com



Installation Instructions

Accessible Single Check Backflow Preventers/Device

COMPONENTS & REPAIR PARTS



7101 Series - Model Nu	mber Explanation ——			
	SPACE 7 Inlet Connection Type: H - Meter Swivel Integral with Saddle J - Meter Swivel Integral		•	er Swivel Nut METER DESIGNATION
SPACE 5 (-) Standard SPACE 6	SPACE 8 Outlet Connection Type: P - Male Iron Pipe Integral	5/8" 5/8" X 3/4" 3/4" 1"	3/4" 1" 1" 1 1/4"	3 4 4 5
Single Check Valve Size: 3 = 3/4", 4 = 1"	SPACE 9 Blank	SPACE 11 Sizes for 0 3/4" = 3, 1	utlet Co	onnections:

HOW TO ORDER

Not all sizes or combinations available - contact factory.

UNIT REQUIRED (Example):

- Accessible Inline Single Check
- Valve size 3/4"
- Inlet Meter swivel integral (5/8 x 3/4 meter) Outlet - MNPT integral 3/4'

Order Model 7101-3JP 43

1, 2, 3, & 4	SPACE 5	SPACE 6	SPACE 7	SPACE 8	SPACE 9	SPACE 10	SPACE 11
7101	-	3	J	P		4	3

(Installation and test procedures on opposite side)

3/22

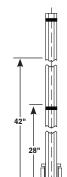


Installation Instructions

Accessible Single Check Backflow Preventers/Device

- Use only for residential and mobile home supply service or individual outlets.
- 2. The device can be installed in any position.
- The device shall be installed in an accessible location to facilitate the removal for servicing and testing
- Service lines should be thoroughly flushed before installing the device. Excessive pipe sealant or Teflon tape may foul check. A suitable strainer should be installed upstream of the device.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
- Insure that device is installed in proper flow direction. Refer to flow direction arrow on body.
- Do not over-tighten O-ring cap seal.
- Any sweat fittings must be completed before installing device. 8.
- A pressure relief valve or expansion tank is recommended downstream of device if thermal expansion conditions are possible.
- Use only on cold water services. Protect from freezing.
- 11. This device is not recommended for pressures exceeding 175 PSI.

Field Inspection & Test Procedure



A. DIS-ASSEMBLY

- 1. Remove the device cap.
- Remove the check assembly using care not to damage device components.
 Visually inspect seals, sealing surfaces, etc. for debris or damage.

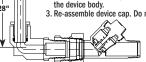
- 1. Insert check assembly into A.Y. McDONALD angle test kit as shown in drawing.
- 2. Add water to test kit level to upper red line 42 inches (1.5 psig).

 3. Observe water level for up to 5 minutes until water level stabilizes. Water level should not fall below lower red line 28 inches (1.0 psig).

 4. If water column falls below 28 inches the check assembly should be cleaned and

C. RE-ASSEMBLY

- Clean and inspect device components.
- 2. Insert check assembly into body correctly corresponding to flow direction on the device body
- 3. Re-assemble device cap. Do not over-tighten.



Contact factory for test kit

WARNING: It is unlawful in CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014) to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

800-292-2737 | sales@avmcdonald.com | avmcdonald.com 3210-558

3/22

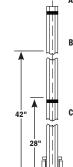
M^cDonald

Installation Instructions

Accessible Single Check Backflow Preventers/Device

- Use only for residential and mobile home supply service or individual outlets.
- 2. The device can be installed in any position.
- The device shall be installed in an accessible location to facilitate the removal for servicing and testing
- Service lines should be thoroughly flushed before installing the device. Excessive pipe sealant or Teflon tape may foul check. A suitable strainer should be installed upstream of the device.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
- Insure that device is installed in proper flow direction. Refer to flow direction arrow on body.
- Do not over-tighten O-ring cap seal.
- Any sweat fittings must be completed before installing device. 8.
- A pressure relief valve or expansion tank is recommended downstream of device if thermal expansion conditions are possible.
- Use only on cold water services. Protect from freezing.
- This device is not recommended for pressures exceeding 175 PSI.

Field Inspection & Test Procedure



A. DIS-ASSEMBLY

- Remove the check assembly using care not to damage device components.
 Visually inspect seals, sealing surfaces, etc. for debris or damage.

- Its ITWG

 1. Insert check assembly into A.Y. McDONALD angle test kit as shown in drawing.

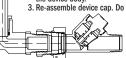
 2. Add water to test kit level to upper red line 42 inches (1.5 psig).

 3. Observe water level for up to 5 minutes until water level stabilizes. Water level should not fall below lower red line 28 inches (1.0 psig).

 4. If water column falls below 28 inches the check assembly should be cleaned and
- re-tested or replaced.

C. RE-ASSEMBLY

- Clean and inspect device components.
- Clean and inspect device components.
 Insert check assembly into body correctly corresponding to flow direction on
- 3. Re-assemble device cap. Do not over-tighten.



Contact factory for test kit

WARNING: It is unlawful in CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014) to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.



Installation Instructions

Accessible Single Check Backflow Preventers/Device

- Use only for residential and mobile home supply service or individual outlets.
- 2. The device can be installed in any position.
- The device shall be installed in an accessible location to facilitate the removal for servicing and testing
- Service lines should be thoroughly flushed before installing the device. Excessive pipe sealant or Teflon tape may foul check. A suitable strainer should be installed upstream of the device.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
- Insure that device is installed in proper flow direction. Refer to flow direction arrow on body.
- Do not over-tighten O-ring cap seal.
- Any sweat fittings must be completed before installing device.
- A pressure relief valve or expansion tank is recommended downstream of device if thermal expansion conditions are possible.
- Use only on cold water services. Protect from freezing.
- 11. This device is not recommended for pressures exceeding 175 PSI.

Field Inspection & Test Procedure

A. DIS-ASSEMBLY

- 1. Remove the device cap.
- Remove the check assembly using care not to damage device components.
 Visually inspect seals, sealing surfaces, etc. for debris or damage.

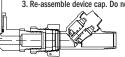
- 1. Insert check assembly into A.Y. McDONALD angle test kit as shown in drawing.
- 2. Add water to test kit level to upper red line 42 inches (1.5 psig).

 3. Observe water level for up to 5 minutes until water level stabilizes. Water level should not fall below lower red line 28 inches (1.0 psig).

 4. If water column falls below 28 inches the check assembly should be cleaned and
- re-tested or replaced.

C. RE-ASSEMBLY

- Clean and inspect device components.
 Insert check assembly into body correctly corresponding to flow direction on the device body.
- 3. Re-assemble device cap. Do not over-tighten.



Contact factory for test kit

WARNING: It is unlawful in CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014) to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.

800-292-2737 | sales@aymcdonald.com | aymcdonald.com 3210-558

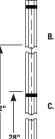


Installation Instructions

Accessible Single Check Backflow Preventers/Device

- Use only for residential and mobile home supply service or individual outlets.
- The device can be installed in any position.
- The device shall be installed in an accessible location to facilitate the removal for servicing and testing
- Service lines should be thoroughly flushed before installing the device. Excessive pipe sealant or Teflon tape may foul check. A suitable strainer should be installed upstream of the device.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.
- Insure that device is installed in proper flow direction. Refer to flow direction arrow on body.
- Do not over-tighten O-ring cap seal.
- Any sweat fittings must be completed before installing device.
- A pressure relief valve or expansion tank is recommended downstream of device if thermal expansion conditions are possible.
- Use only on cold water services. Protect from freezing.
- This device is not recommended for pressures exceeding 175 PSI.

Field Inspection & Test Procedure



A. DIS-ASSEMBLY

- Remove the check assembly using care not to damage device components.
 Visually inspect seals, sealing surfaces, etc. for debris or damage.

Its ITWG

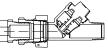
1. Insert check assembly into A.Y. McDONALD angle test kit as shown in drawing.

2. Add water to test kit level to upper red line - 42 inches (1.5 psig).

3. Observe water level for up to 5 minutes until water level stabilizes. Water level should not fall below lower red line - 28 inches (1.0 psig).

4. If water column falls below 28 inches the check assembly should be cleaned and re-tested or replaced.

- Clean and inspect device components.
 Insert check assembly into body correctly corresponding to flow direction on the device body.
- 3. Re-assemble device cap. Do not over-tighten.



Contact factory for test kit

WARNING: It is unlawful in CALIFORNIA & VERMONT (effective 1/1/2010); MARYLAND (effective 1/1/2012); LOUISIANA (effective 1/1/2013) and the UNITED STATES OF AMERICA (effective 1/4/2014) to use any product in the installation or repair of any public water system or any plumbing in a facility or system that provides water for human consumption if the wetted surface area of the product has a weighted average lead content greater than 0.25%. This prohibition does not extend to service saddles used in California, Louisiana or under USA Public Law 111-380.