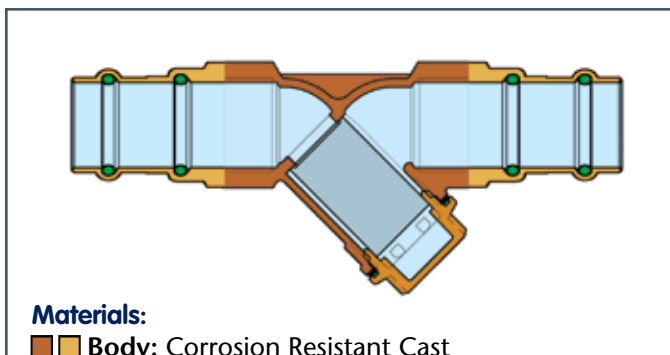
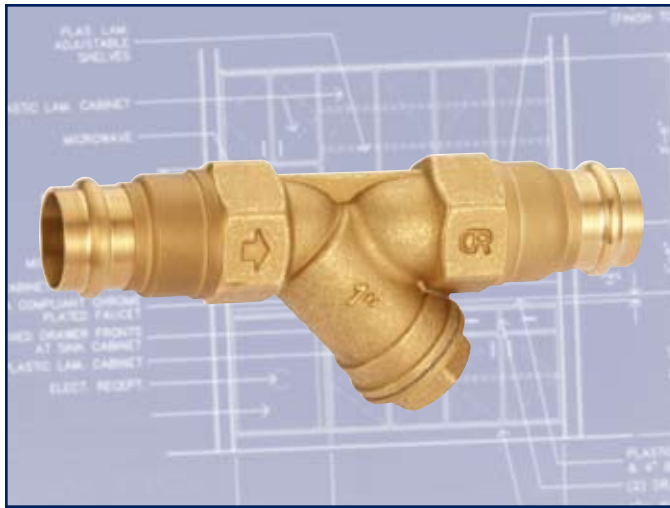


# cimPRESS “Y” Strainer

cim74PRS.1

CimPRESS x CimPRESS



### Materials:

- **Body:** Corrosion Resistant Cast Nondezincifiable Brass “CR”
- **Bonnet:** Hot Forged Brass C37700
- **Strainer Screen:** 18/8 ANSI302 Stainless Steel
- **Gasket:** NA 1100 (Asbestos Free) Maximum Temperature of 842° F
- **O-Ring:** EPDM - ASTM D 2000 M2

All Cimberio valves qualify for the American Recovery and Reinvestment Act and the Buy American Act.

### Applications:

The CIM 74PRS.1 CimPRESS Y Strainer is manufactured in accordance with MSS-SP-110, PS117-2004, and EN ISO 9001 standards and designed for direct connection to hard drawn copper and/or stainless steel tube using standard press tools. The CIM 74PRS.1 is suitable for use with non-aggressive fluid applications including residential, industrial, and agricultural systems. (CimPRESS is not intended for use with soft or rolled copper tubing)

### Features:

The CIM 74PRS.1 Y strainer is built from cast corrosion resistant brass “CR” EN 1982-CC7525, with an 18/8 ANSI302 stainless steel strainer screen designed to collect impurities such as sand, rust, and metal shavings to safeguard pipes and valves from mechanical damage and deposits.

CimPRESS valves were developed as purpose built valves for standard press attachment to eliminate the need to assemble separate components in the field, which could result in weak/leak points and increased material and labor costs. The CIM 74PRS.1 is manufactured from corrosion-resistant brass with double EPDM-ASTM D 2000 M2 O-Rings to ensure a leak proof cold crimped seal with added protection against corrosion.

CimPRESS valves eliminate the torch and the need to clean, flux and solder in order to create a permanent watertight valve connection, significantly reducing average installation time while avoiding potential fire risks and other problems associated with sweat connections; saving time and money.

### Connection:

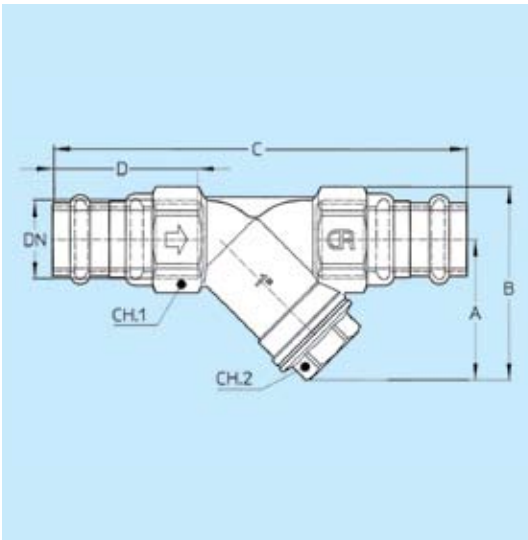
Standard press connection for copper and stainless steel tube plumbing systems.

Size	Fast Order No.	Technical ID No.
1/2"	74PRS-04	CIM74ACRP-E04-ST
3/4"	74PRS-06	CIM74ACRP-E06-ST
1"	74PRS-07	CIM74ACRP-E07-ST
1-1/4"	74PRS-08	CIM74ACRP-E08-ST
1-1/2"	74PRS-09	CIM74ACRP-E09-ST
2"	74PRS-10	CIM74ACRP-E10-ST

# cimPRESS “Y” Strainer

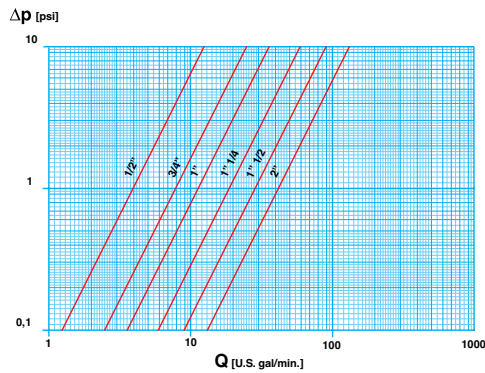
cim74PRS.1

CimPRESS x CimPRESS

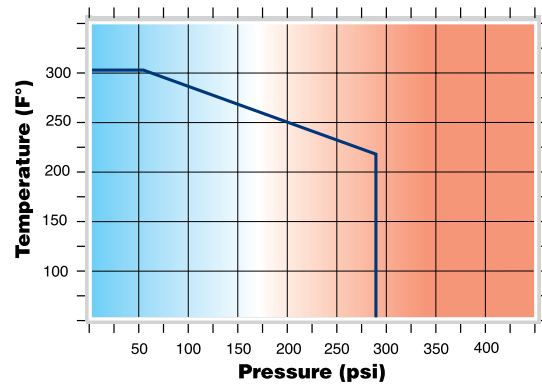


Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	1-9/16" 39mm	1-15/16" 49.5mm	2-5/16" 59mm	2-3/4" 70mm	3-3/16" 81mm	3-7/8" 99mm
B	2-1/8" 54mm	2-11/16" 68mm	3-1/4" 82mm	3-15/16" 99mm	4-5/16" 112mm	5-7/16" 138.5mm
C	6-11/16" 170mm	7" 179mm	7-9/16" 193mm	8-1/4" 210mm	8-9/16" 218mm	9-9/16" 245mm
D	2-9/16" 66mm	2-5/8" 67mm	2-3/4" 70mm	2-13/16" 72mm	2-13/16" 72mm	3" 77mm
CH1	1-1/8" 28mm	1-5/16" 33mm	1-9/16" 40mm	2" 51mm	2-1/4" 56mm	2-13/16" 71mm
CH2	3/4" 18mm	7/8" 22mm	1-1/8" 29mm	1-5/16" 34mm	1-9/16" 39mm	2-3/16" 25mm
Pounds	0.46	0.69	1	1.68	2.15	4.02
Grams	210	315	455	460	975	1825
Required Pipe Insertion Depth	1.5580" 39.57mm	1.7380" 44.14mm	1.7310" 43.97mm	1.6975" 43.12mm	1.8895" 47.99mm	2.128" 54.04mm

## FLOW AND PRESSURE DROP



## PRESSURE/TEMPERATURE RATINGS



## CV

**CV:** Capacity in "U.S. gal/min" at pressure drop of "1 PSI"

**Element:** Water - Temperature: 59.9° F

74PRS.1 SIZE	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
CV	3.9	8.1	11.6	18.5	27.8	40.5

**Working Pressure:** 290 PSI

**Max. Operating Temperature:** Working Limit for Fluids 14° F – 212° F

**Saturated Steam:** 54 PSI at 302° F

**Test Pressures:** According to ISO 5208