

Series N45B-M1 (1/2" – 1")

Water Pressure Reducing Valves

- Bronze body construction
- Ideal for residential and commercial applications
- Integral stainless steel strainer and built-in bypass
- Water savings up to 30%^A (see page 12)

Specifications

- Temperature Range: 33°F – 180°F (0.5°C - 82°C)
- Maximum Working Pressure: 400psi (27.6 bar)
- Adjustable Reduced Pressure Range: 25 – 75psi (172 – 517 kPa)
- Standard Reduced Pressure Setting: 50psi (345 kPa).

Standards

Meets requirements of ASSE Standard 1003 (ANSI A112.26.2) and CSA Standard B356. Certified by NSF to ANSI/NSF Standard 61-8 (LF N45B-M1 Models only). Listed by IAPMO, City of Los Angeles.



Models

- N45B-M1** – NPT threaded female inlet x NPT female outlet
- N45BU-M1** – NPT threaded union inlet x NPT female outlet
- N45BU-S-M1** – Solder Union inlet x NPT female outlet
- N45BU-QC-M1** – Single Union – Quick-Connect union inlet
- N45BDU-M1** – Double Union – NPT threaded union female inlet and outlet
- N45BDU-S-M1** – Double Union – Solder union inlet and outlet
- N45BDU-PEX-M1** – Double Union – PEX union inlet and outlet
- N45BDU-CPVC-M1** – Double Union – CPVC union inlet and outlet
- N45BDU-QC-M1** – Double Union – Quick-Connect union inlet and outlet

Options

add Suffix:

- G Gauge tapping
- GG Gauge tapping and 160psi (11.0 bar) gauge

add Prefix:

- LF Lead Free* construction

For additional information, request literature ES-N45B

***The combined metal components of this product contacted by potable water contain less than one half of one percent (0.5%) of lead by weight**

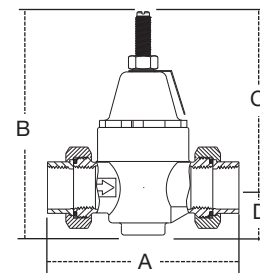
****NOTE:** The bypass feature will not prevent the pressure relief valve from opening on the hot water supply system with pressure above 150psi (10.3 bar).



N45BDU-M1

Features

- Double union connections (inlet and outlet) option DU
- Integral, stainless steel strainer
- Thermoplastic seat and cage
- Bronze body construction
- Serviceable in line
- Bypass feature controls thermal expansion pressure**
- Sealed spring cage on all models for accessible outdoor or pit installation



MODEL	SIZE (DN)		DIMENSIONS (APPROX.)								WEIGHT	
	in.	mm	A		B		C		D		lbs.	kgs.
N45BDU-M1	1/2	15	4 ¹ / ₁₆	119	6 ¹ / ₄	159	4 ⁹ / ₁₆	116	1 ¹³ / ₁₆	43	2.5	1.1
N45BDU-M1	3/4	20	4 ¹ / ₁₆	119	6 ¹ / ₄	159	4 ⁹ / ₁₆	116	1 ¹³ / ₁₆	43	2.5	1.1
N45BDU-M1	1	25	5 ⁵ / ₈	143	6 ¹ / ₄	159	4 ⁹ / ₁₆	116	1 ¹³ / ₁₆	43	3	1.4

† Dimensions for all models are shown on literature ES-N45B.