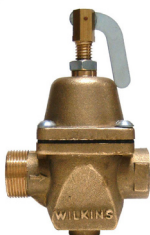


SPECIFICATION SUBMITTAL SHEET



Model 80CI



Model 80BR

FEATURES

Sizes: ☐ 1/2"

Model 80CI- Cast iron body & bell

Model 80BR- Bronze body & bell

Maximum working water pressure

100 psi

Maximum working water temperature

180° F

Reduced pressure range

10 psi to 25 psi

Factory preset

15 psi

Threaded connections

ANSI B1.20.1

Copper connections (FC)

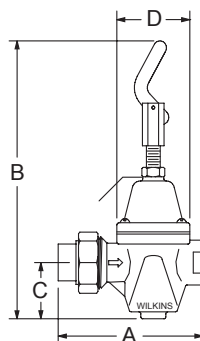
ANSI B16.22

OPTIONS (Suffixes can be combined)

- ☐ - standard with 20 mesh strainer screen
- ☐ C - female copper sweat

ACCESSORIES

- ☐ HXT - hydronic expansion tank



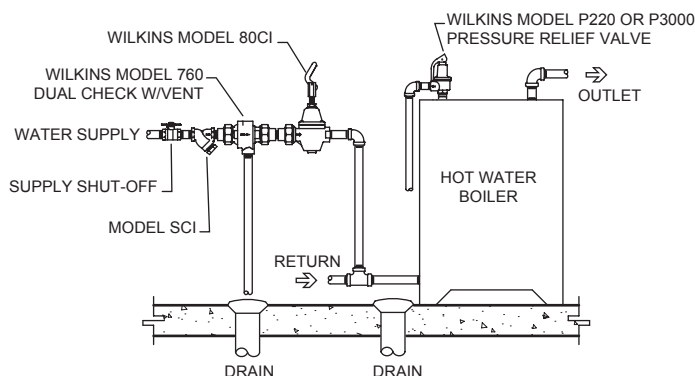
APPLICATION

The WILKINS Model 80CI and Model 80BR are designed for installation on hydronic heating systems to reduce high inlet pressures to a lower reduced pressure. Equipped with a Quick Fill/Purge lever, The Model 80CI and 80BR are capable of high capacity feeding and purging of boiler feed lines. The built-in check valve maintains a positive seal which prevents reverse water flow.

MATERIALS

Main valve body	Model 80CI-Cast Iron ASTM A 126 Class B
	Model 80BR-Cast Bronze ASTM B 584
Bell housing	Model 80CI-Cast Iron ASTM A 126 Class B
	Model 80BR-Cast Bronze ASTM B 584
Strainer screen	Stainless steel, 300 series

TYPICAL INSTALLATION



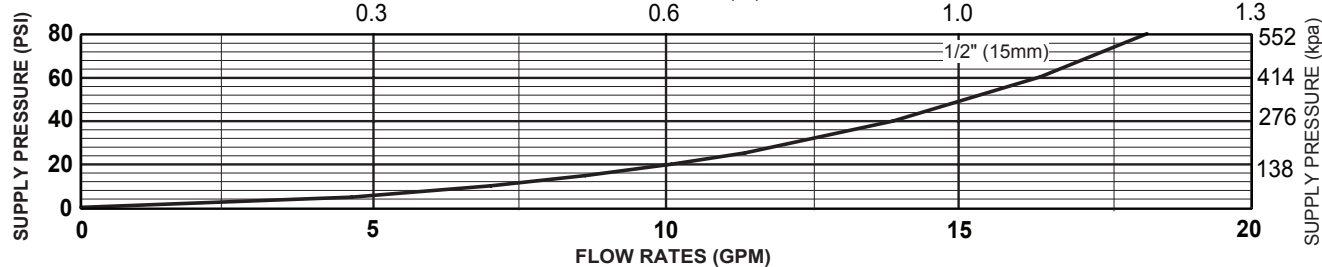
DIMENSIONS & WEIGHTS (do not include pkg.)

SIZE		CONNECTIONS	DIMENSIONS (approximate)								WEIGHT	
			A		B		C		D			
in.	mm		in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg.
1/2	15	SINGLE UNION	4 3/8	111	7 5/16	185	1 5/8	41	2 3/8	60	3	1.5

FLOW CHARACTERISTICS

MODEL 80CI and 80BR 1/2" (STANDARD & METRIC)

FLOW RATES (l/s)



(The flow characteristics illustrate the boiler filling ability at various supply pressures with the Model 80 in a wide open position.)