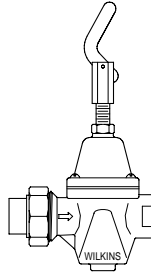


**Model 80CI**  
Cast Iron Boiler Regulator  
with Quick Fill/Purge Lever



**FEATURES**

Sizes: ☐ 1/2"

Maximum working water pressure	100 psi
Maximum working water temperature	210° 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

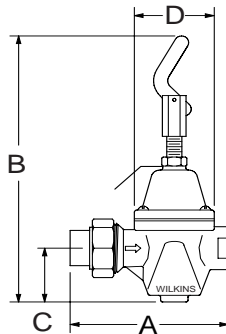
**OPTIONS**

(Suffixes can be combined)

☐ C - female copper sweat

**ACCESSORIES**

☐ HXT - hydronic expansion tank



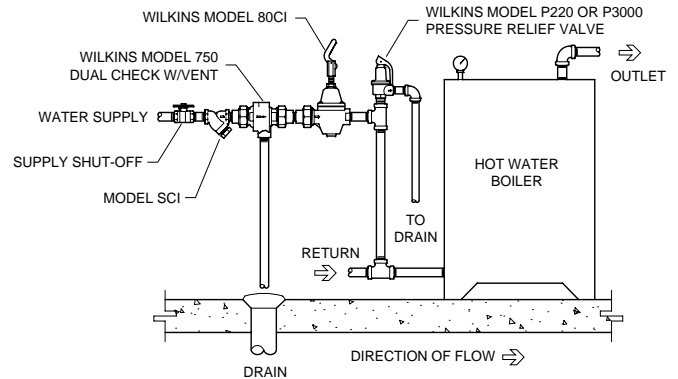
**APPLICATION**

The WILKINS Model 80CI is 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 is 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	Cast Iron ASTM A 126 Class B
Bell housing	Cast Iron ASTM A 126 Class B
Strainer screen	Stainless steel, 300 series

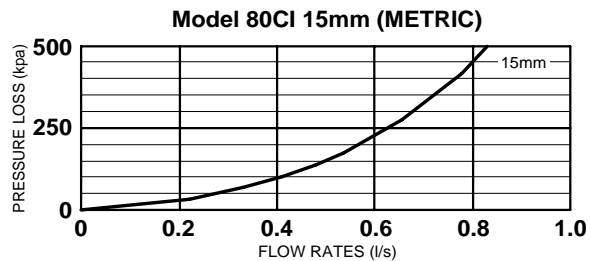
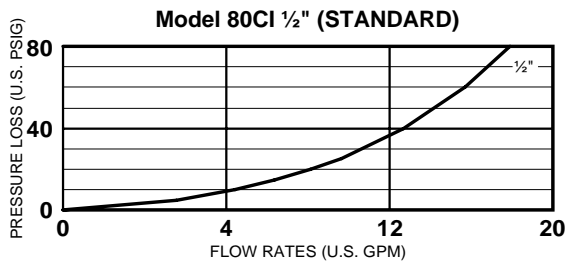
**TYPICAL INSTALLATION**



**DIMENSIONS & WEIGHTS (do not include pkg.)**

SIZE		CONNECTION	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 1/3	185	1 5/8	41	2 3/8	60	3	1.5

**FLOW CHARACTERISTICS**



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

DOCUMENT NO.	REV.
REG-80CI	10/99