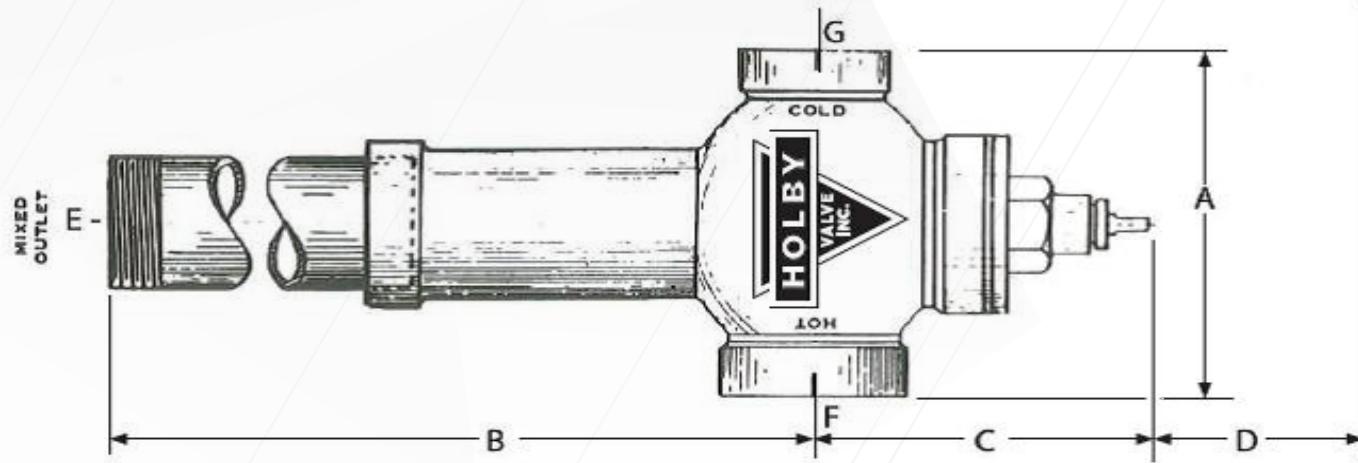




Holby Valve Dimensions



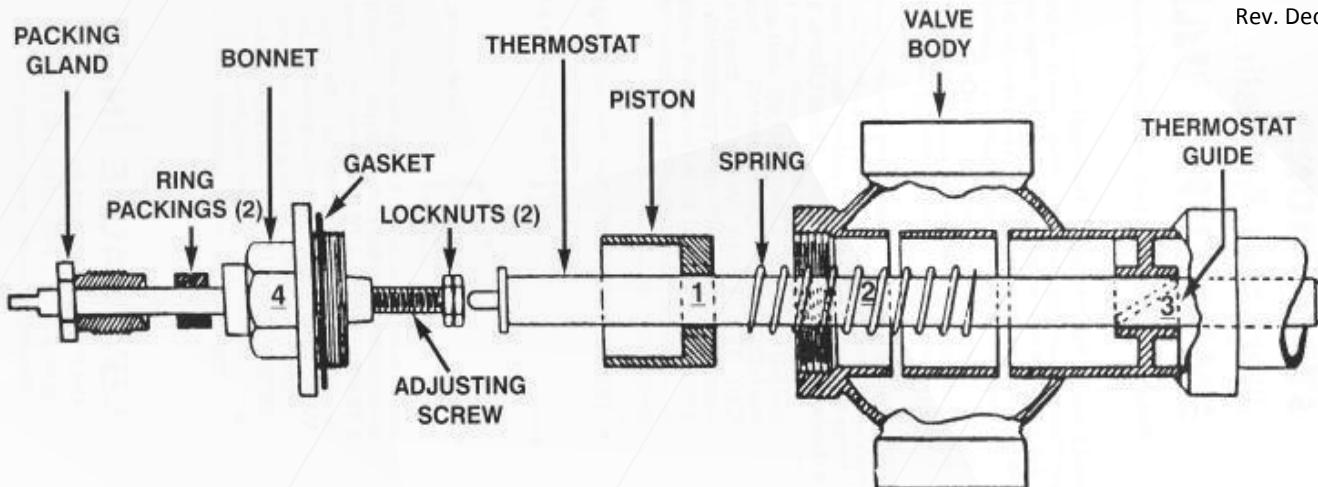
SIZE	A	B	C	D *	STANDARD PIPE TAP			SHIPPING WEIGHTS
					E MIXED OUTLET	F HOT INLET	G COLD INLET	
1/2"	4-1/4"	8"	3-1/4"	6"	1/2"	1/2"	1/2"	7 lbs.
3/4"	4-1/4"	8"	3-1/4"	6"	3/4"	3/4"	3/4"	7 lbs.
1"	4-1/4"	11-1/4"	4-1/4"	12"	1"	1"	1"	8 lbs.
1-1/4"	4-3/4"	19"	4-1/2"	15"	1-1/4"	1-1/4"	1"	14 lbs.
1-1/2"	5-1/2"	23"	5"	20"	1-1/2"	1-1/2"	1-1/4"	18 lbs.
2"	6-3/8"	25"	6"	20"	2"	2"	1-1/2"	27 lbs.
2-1/2"	7-1/2"	27-3/4"	6-1/2"	24"	2-1/2"	2-1/2"	2"	42 lbs.
3"	9"	29-1/8"	7"	24"	3"	3"	2-1/2"	63 lbs.
4"	10-1/4"	31"	8"	24"	4"	4"	4"	97 lbs.

* Note: "D" is clearance required for adjusting and servicing



Holby Valve Exploded Parts View and Part Numbers

Rev. Dec 2012



THERMOSTAT								COMPLETE BONNET & GASKET	ALL PARTS KIT
VALVE SIZE *	** LENGTH		BONNET	GASKET	SCREW	PISTON	SPRING		
1/2"	7-1/4"	T050	B050	G050	AS050	P050	S050	CBA050	APK050
3/4"	7-1/4"	T050	B050	G050	AS050	P050	S050	CBA050	APK050
1"	11"	T100	B050	G050	AS050	P050	S050	CBA050	APK100
1-1/4"	18"	T125	B125	G125	AS125	P125	S125	CBA125	APK125
1-1/2"	23"	T150	B150	G050	AS150	P150	S125	CBA150	APK150
2"	23"	T150	B200	G200	AS200	P200	S200	CBA200	APK200
2-1/2"	27"	T250	B250	G250	AS250	P250	S250	CBA250	APK250
3"	27"	T250	B300	G300	AS300	P300	S250	CBA300	APK300
4"	27"	T250	B400	G400	AS400	P400	S250	CBA400	APK400

* SIZE OF HOT WATER INLET DETERMINES THE SIZE OF THE HOLBY TEMPERING VALVE

** LENGTH OF THERMOSTAT DOES NOT INCLUDE PROJECTING ROD

*** ADJUSTING SCREW THREAD IS 3/8" - 24

PACKING GLAND PG

RING PACKING (2 REQ'D) RP100

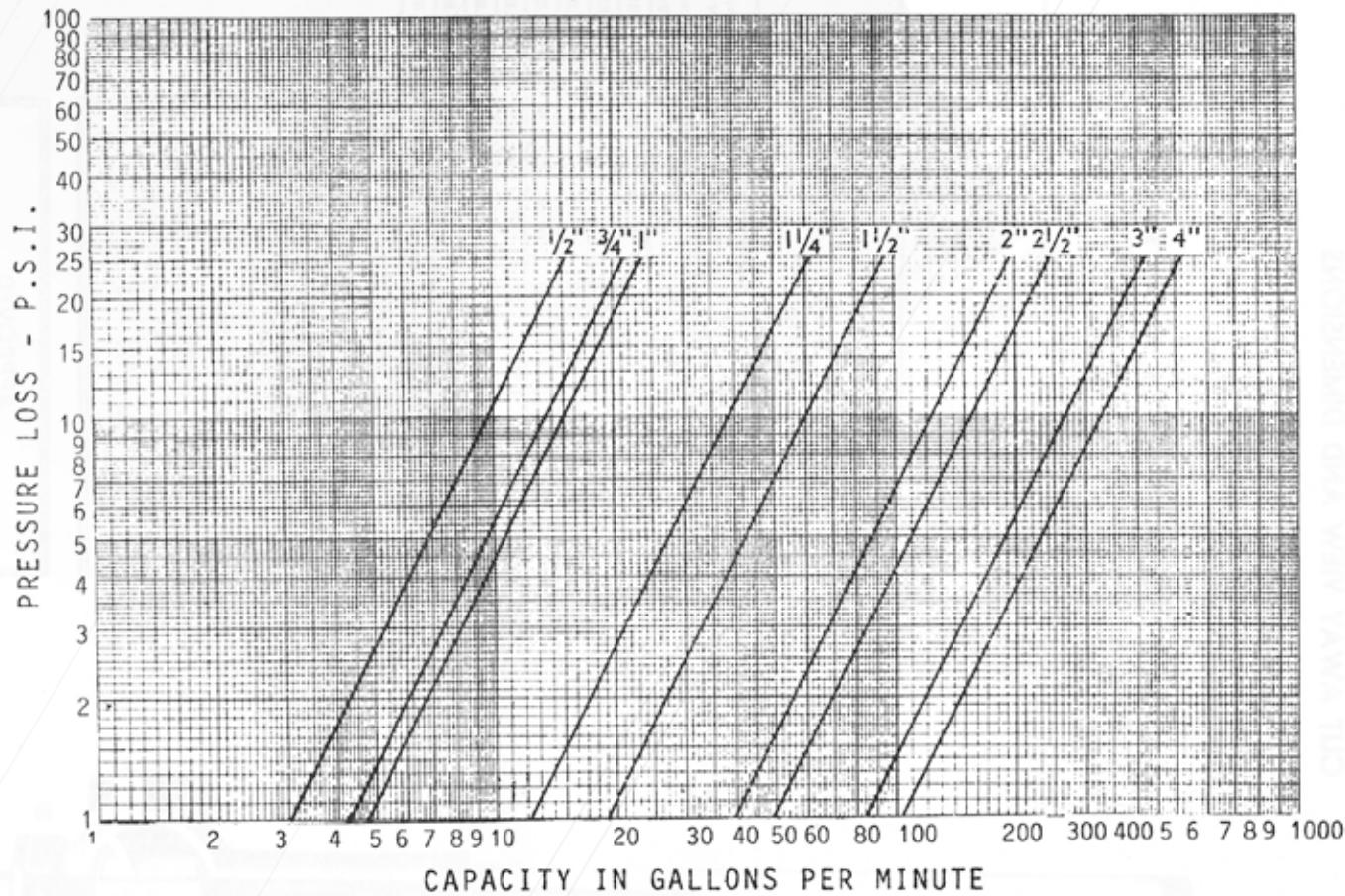
LOCKNUT (2 REQ'D) LN100

ADD "LT" TO THERMOSTAT AND ALL PARTS KITS PART NUMBERS IF LOW TEMPERATURE RANGE IS REQUIRED (LT = 60 - 120 DEG F)



Pressure Chart

HOLBY TEMPERING VALVE PRESSURE DROP Vs. FLOW



DATA OBTAINED FROM TESTS

Conducted By

C. A. WOJAN

Licensed Professional Engineer



Valve Sizing Guide

<u>Valve Size</u> $\frac{1}{2}$ " or $\frac{3}{4}$ "	<u>Residential Building Size</u> 1 or 2 Families
1"	Up to 10 Families
1-1/4"	Up to 24 Families
1-1/2"	Up to 40 Families
2"	Up to 65 Families
2-1/2"	Up to 100 Families
3"	Up to 150 Families
4"	Up to 250 Families

*Use this valve sizing as a rough guide only.
Always follow engineer's selected valve sizing.
Also refer to Holby Valve Flow vs. Pressure drop data.