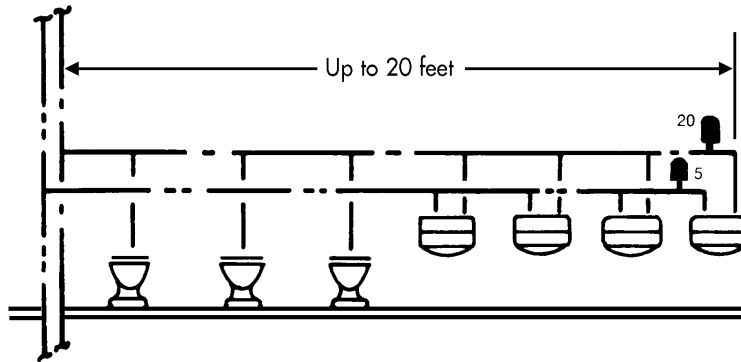




Shokstop Placement

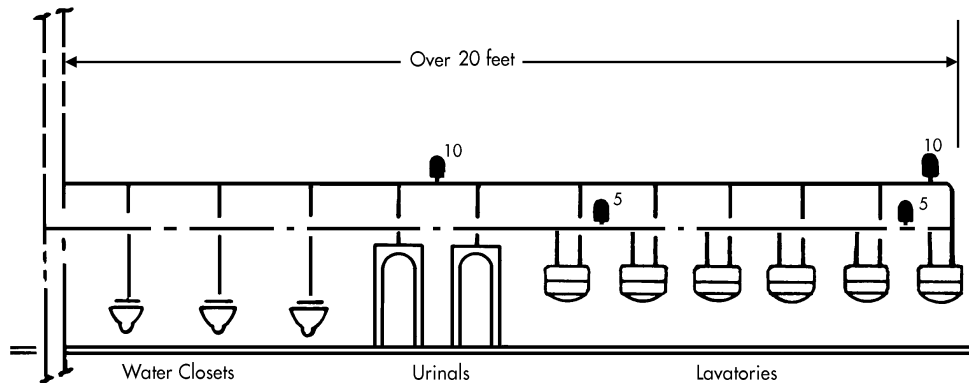
Data (see Fig. 2)

On multiple fixture branch lines up to 20 feet long, the Shokstop should be installed on the branch line between the last two fixtures being served. The Shokstop should have a Fixture-Unit rating equal or greater than the total Fixture-Units connected to the branch line.



(see Fig. 3)

On multiple fixture branch lines over 20 feet long, two Shokstops should be used on each line with the second unit placed at the line's midpoint. The Fixture-Unit ratings of both Shokstops should be equal or greater than the total Fixture-Units connected to the branch line.



Shokstop Sizing

Single and Multiple Fixture Branch Lines

The Shokstop sizing procedure described below conforms to Plumbing and Drainage Institute Standard PDI-WH201. Shokstop selection is based on total Fixture-Units on each branch line.

Fixture-Unit Listing

Determine the total number of Fixture-Units on each branch line by referring to the list in Table 2 (NOTE: Additional fixture unit listings in Table 4, Page 190.)

Shokstop Selection

Refer to table 3 and select the Shokstop model with proper fixture-unit capacity.

If a battery of fixtures is longer than 20 feet, more than one Shokstop will be required.

Table 2

Fixture	Type of Supply Control	Fixture-Units			
		Public		Private	
		C.W.	H.W.	C.W.	H.W.
Water Closet	Flush Valve	10	-	6	-
Water Closet	Flush Tank	5	-	3	-
Pedestal Urinal	Flush Valve	10	-	-	-
Stall or Wall Urinal	Flush Valve	5	-	-	-
Stall or Wall Urinal	Flush Tank	3	-	-	-
Lavatory	Faucet	1 1/2	1 1/2	1	1
Bathtub	Faucet	2	3	1 1/2	1 1/2
Shower Head	Mixing Valve	2	3	1	2
Bathroom Group	Flush Valve Closet	-	-	8	3
Bathroom Group	Flush Tank Closet	-	-	6	3
Separate Shower	Mixing Valve	-	-	1	2
Service Sink	Faucet	3	3	-	-
Laundry Tubs (1-3)	Faucet	4	4	2	2
Combination Fixture	Faucet	-	-	3	3

Table 3

Shokstop Model No.	5	10	20	50	75	100
P.D.I. Unit Rating	A	B	C	D	E	F
Fixture-Unit Capacity	1-11	12-32	33-60	61-113	114-154	155-330

NOTES:

- (1) All sizing data based on flow velocities of 10 fps or less.
- (2) When static water pressure exceeds 65 psi, contact Wade Engineering Dept.
- (3) Round up fixture-unit totals to the next larger whole number.