

TABLE 1.1		Demand Load Of Fixtures		Fixture Units	
Fixture	Occupancy	Type of Supply Control	Cold	Hot	Total
WC	PUBLIC	FLUSH VALVE	10.00		10.00
WC	PUBLIC	FLUSH TANK	5.00		5.00
URINAL	PUBLIC	1" FLUSH VALVE	10.00		10.00
URINAL	PUBLIC	3/4" FLUSH VALVE	5.00		5.00
URINAL	PUBLIC	FLUSH TANK	3.00		3.00
LAVATORY	PUBLIC	FAUCET	1.50	1.50	2.00
BATH	PUBLIC	FAUCET	3.00	3.00	4.00
SHOWER	PUBLIC	MIXING VALVE	3.00	3.00	4.00
BASIN	OFFICE	FAUCET	2.25	2.25	3.00
KITCHEN SINK	HOTEL, RESTAURANT	FAUCET	3.00	3.00	4.00
DRINKING FOUNTIAN	OFFICE	3/8" VALVE	0.25		0.25
WC	PRIVATE	FLUSH VALVE	6.00		6.00
WC	PRIVATE	FLUSH TANL	3.00		3.00
BASIN	PRIVATE	FAUCET	1.00	1.00	1.50
BATH	PRIVATE	FAUCET	1.50	1.50	2.00
SHOWER	PRIVATE	MIXING VALVE	1.50	1.50	2.00
KITCHEN SINK	PRIVATE	FAUCET	1.50	1.50	2.00
LAUNDRY TRAY	PRIVATE	FAUCET	2.25	2.25	3.00
DISHWASHER	PRIVATE	FAUCET		1.00	1.00
WASHING MACHINE 8lbs	PRIVATE	AUTOMATIC	1.50	1.50	2.00
WASHING MACHINE 8lbs	PUBLIC OR GENERAL	AUTOMATIC	2.25	2.25	3.00
WASHING MACHINE 10lbs	PUBLIC OR GENERAL	AUTOMATIC	3.00	3.00	4.00

### Definition of Terms

**Fixture Unit:** The demand imposed by a number of fixtures used intermittently cannot be determined exactly, so each fixture is given a factor known as a fixture unit which corresponds to a demand in GPM.

**Note:** for the purposes of this book the fixture unit is used only to determine the size of distribution pipe required; it is not necessary to know the corresponding GPM.

**Distribution pipe:** Pipe from manifold to fixture

**Service pipe:** Pipe feeding manifold

**NR:** Not recommended

**Note:** fixture unit information supplied from general code book info. Please check with your local code authority to confirm the local recognized standard.