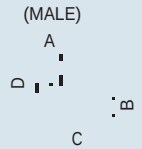
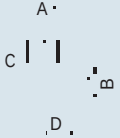
Installation Dimensions

TP12S STREET ELBOW
Male Copper x Copper



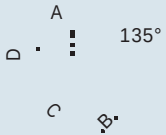
Size	A (mm)	B (mm)	C (mm)	D (mm)
15	15	15	29.5	32.5
22	22	22	34.0	37.5
28	28	28	40.0	41.0

TP14 FEMALE ELBOW
Copper x Female Thread (Parallel)



Size	A (mm)	B	C (mm)	D (mm)
15 x 1/2	15	1/2	26.6	20.0
22 x 3/4	22	3/4	39.0	25.0
28 x 1	28	1	43.0	32.0

TP21 OBTUSE BEND
Copper x Copper



Size	A (mm)	B (mm)	C (mm)	D (mm)
15	15	15	21.5	21.5
22	22	22	34.0	34.0
28	28	28	34.0	34.0
35	35	35	37.7	37.7
42	42	42	47.5	47.5
54	54	54	75	75
67	67	67	58	58

TP24 TEE-EQUAL
Copper all Ends



Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
8	8	8	8	15	30
10	10	10	10	17	34
12	12	12	12	19	38
15	15	15	15	23.3	46.6
22	22	22	22	32.5	63.2
28	28	28	28	38.5	76.9
35	35	35	35	48	102
42	42	42	42	56	121
54	54	54	54	70	140
67	67	67	67	75	150