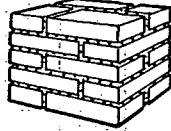
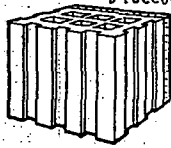
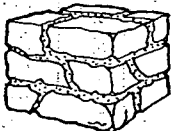
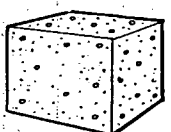
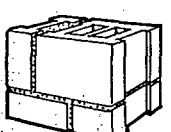


TABLE 3. COEFFICIENTS OF TRANSMISSION (U) OF MASONRY WALLS^a

Coefficients are expressed in Btu per hour per square foot per degree Fahrenheit difference in temperature between the air on the two sides, and are based on a wind velocity of 15 mph.

TYPICAL CONSTRUCTION	TYPE OF WALL	THICKNESS OF MASONRY (INCHES)	U
	Solid Brick Based on 4-in. face brick and the remainder common brick.	8 12 16	1 2 3
	Hollow Tile Stucco Exterior Finish. The 8-in. and 10-in. tile figures are based on two cells in the direction of flow of heat. The 12-in. tile is based on three cells in the direction of flow of heat. The 16-in. tile consists of one 10-in. tile and one 6-in. tile each having two cells in the direction of heat flow.	8 10 12 16	4 5 6 7
	Limestone or Sandstone	8 12 16 24	4 9 10 11
	Concrete These figures may be used with sufficient accuracy for concrete walls with stucco exterior finish.	6 10 16 20	11 12 14 15
	Hollow Cinder Blocks Based on one air cell in direction of heat flow.	8 12	16 17
	Hollow Concrete Blocks Based on one air cell in direction of heat flow.	8 12	18 19

^aComputed from factors marked by * in Table 2.

^bBased on the actual thickness of 2-in. furring strips.

INTERIOR FINISH

UNINSULATED WALLS						INSULATED WALLS					
Plain walls—no interior finish	Plaster (1/2 in.) on walls	Plaster on wood lath—furred	Plaster (1/2 in.) on metal lath—furred	Plaster (1/2 in.) on plaster board (1/2 in.)—furred	Decorated building board—furred without plaster—furred (1/2 in.)	Plaster (1/2 in.) on rigid insulation (1/2 in.)—furred	Plaster (1/2 in.) on rigid insulation (1 in.)—furred	Plaster (1/2 in.) on corkboard (1 1/2 in.) set in cement mortar (1/2 in.)	Plaster (1/2 in.) on metal lath attached to furring strips—furred space (over 1/4 in. wide) faced one side with bright aluminum foil	Plaster on metal lath attached to furring strips (2 in.)—rock wool fill (1 1/2 in.)	Plaster (1/2 in.) on metal lath attached to furring strips (2 in.)—flexible insulation (1/2 in.) between furring strips (one air space)
A	B	C	D	E	F	G	H	I	J	K	L
0.50 0.36 0.28	0.46 0.34 0.27	0.30 0.24 0.20	0.32 0.25 0.21	0.30 0.24 0.20	0.23 0.19 0.17	0.22 0.19 0.16	0.16 0.14 0.13	0.14 0.12 0.11	0.23 0.19 0.17	0.12 0.11 0.10	0.20 0.17 0.15
0.40 0.39 0.30 0.25	0.37 0.37 0.29 0.24	0.26 0.26 0.22 0.19	0.27 0.27 0.22 0.19	0.26 0.26 0.22 0.19	0.20 0.20 0.17 0.15	0.20 0.19 0.17 0.15	0.15 0.15 0.13 0.12	0.13 0.13 0.12 0.11	0.20 0.20 0.17 0.15	0.11 0.11 0.10 0.097	0.18 0.18 0.16 0.14
0.71 0.58 0.49 0.37	0.64 0.53 0.45 0.35	0.37 0.33 0.30 0.25	0.39 0.34 0.31 0.26	0.37 0.33 0.30 0.25	0.26 0.23 0.22 0.20	0.25 0.23 0.22 0.19	0.18 0.17 0.16 0.15	0.15 0.14 0.14 0.13	0.26 0.24 0.22 0.20	0.13 0.13 0.12 0.11	0.23 0.21 0.20 0.18
0.79 0.62 0.48 0.41	0.70 0.57 0.44 0.39	0.39 0.34 0.29 0.27	0.42 0.37 0.31 0.28	0.39 0.34 0.29 0.27	0.27 0.25 0.22 0.21	0.26 0.24 0.21 0.20	0.19 0.18 0.16 0.15	0.16 0.15 0.14 0.13	0.27 0.25 0.22 0.21	0.13 0.13 0.12 0.12	0.23 0.22 0.20 0.18
0.42 0.37	0.39 0.35	0.27 0.25	0.28 0.26	0.27 0.25	0.21 0.19	0.20 0.19	0.16 0.15	0.13 0.13	0.21 0.19	0.12 0.11	0.19 0.17
0.56 0.49	0.52 0.46	0.32 0.30	0.34 0.32	0.32 0.30	0.24 0.23	0.23 0.22	0.17 0.16	0.14 0.14	0.24 0.23	0.12 0.12	0.21 0.20

^aA waterproof membrane should be provided between the outer material and the insulation fill to prevent possible wetting by absorption and a subsequent lowering of efficiency.