

JUPITER System IDEAL  
Heat Output TableJUPITER System IDEAL  
Heat Output TableStrongBoard FL with tile floor  
coveringStrongBoard TK with carpet floor  
covering

Mean water temp.	Room temp.	StrongBoard FL with tile floor covering				StrongBoard TK with carpet floor covering			
		EZ 12,5 cm Tiles on Strong Board FL		CZ 25 cm Tiles on Strong Board FL		RZ 12,5 cm Carpet on Strong Board TK		AZ 25 cm Carpet on Strong Board TK	
		5 mm	Floor surface temp	5 mm	Floor surface temp.	10 mm	Floor surface temp.	10 mm	Floor surface temp.
$\theta_m$	$\theta_i$		$\theta_F$		$\theta_F$		$\theta_F$		$\theta_F$
°C	°C	W/m <sup>2</sup>	°C	W/m <sup>2</sup>	°C	W/m <sup>2</sup>	°C	W/m <sup>2</sup>	°C
30	15	108.5	24.7	89.8	23.2	56.2	20.3	44.4	19.3
30	18	86.3	25.9	71.4	24.6	44.7	22.3	35.4	21.5
30	20	71.5	26.6	59.1	25.6	37.0	23.6	29.3	22.9
30	22	56.4	27.4	46.7	26.5	29.2	24.9	23.1	24.4
30	24	41.1	28.0	34.0	27.4	21.3	26.2	16.8	25.8
35	15	145.2	27.6	120.2	25.6	75.2	21.9	59.5	20.6
35	18	123.2	28.9	101.9	27.2	63.8	24.0	50.5	22.8
35	20	108.5	29.7	89.8	28.2	56.2	25.3	44.4	24.3
35	22	93.7	30.5	77.5	29.1	48.5	26.7	38.4	25.8
35	24	78.9	31.3	65.3	30.1	40.9	28.0	32.3	27.2
40	15	181.9	30.5	150.5	28.0	94.2	23.5	74.5	21.9
40	18	159.9	31.8	132.3	29.6	82.8	25.6	65.5	24.1
40	20	145.2	32.6	120.2	30.6	75.2	26.9	59.5	25.6
40	22	130.6	33.5	108.0	31.7	67.6	28.3	53.5	27.1
40	24	115.8	34.3	95.8	32.7	60.0	29.7	47.4	28.6
45	15	218.5	33.3	180.8	30.4	113.1	25.1	89.5	23.1
45	18	196.5	34.6	162.6	32.0	101.8	27.1	80.5	25.4
45	20	181.9	35.5	150.5	33.0	94.2	28.5	74.5	26.9
45	22	167.2	36.4	138.4	34.1	86.6	29.9	68.5	28.4
45	24	152.6	37.2	126.2	35.1	79.0	31.3	62.5	29.9
50	15	255.1	36.1	211.0	32.7	132.1	26.6	104.5	24.4
50	18	233.1	37.4	192.9	34.3	120.7	28.7	95.5	26.6
50	20	218.5	38.3	180.8	35.4	113.1	30.1	89.5	28.1
50	22	203.9	39.2	168.7	36.5	105.6	31.5	83.5	29.6
50	24	189.2	40.1	156.6	37.5	98.0	32.8	77.5	31.1
55	15	291.6	38.8	241.3	35.0	151.0	28.1	119.4	25.6
55	18	269.7	40.2	223.1	36.7	139.6	30.2	110.5	27.8
55	20	255.1	41.1	211.0	37.7	132.1	31.6	104.5	29.4
55	22	240.4	42.0	198.9	38.8	124.5	33.0	98.5	30.9
55	24	225.8	42.9	186.8	39.9	116.9	34.4	92.5	32.4

CZ - IDEAL Central Zone Panels - Pipe centres - 125mm

EZ - IDEAL Edge Zone Panels - Pipe centres - 250mm

Max. floor surface temps. DIN 1264

Edge Zone (1m) 35°

Central Zone 29°

Bathrooms 33°