

Jupiter IDEAL System Heat Output Table

Wood directly applied to IDEAL system

Mean flow temp.	Room temp.	EZ 12,5 cm Wood 20 mm	Floor surface temp.	CZ 25 cm Wood 20 mm	Floor surface temp.	EZ 12,5 cm Laminate 13mm	Floor surface temp.	CZ 25 cm Laminate 13 mm	Floor surface temp.
θ_m	θ_i		θ_F		θ_F		θ_F		θ_F
°C	°C	W/m2	°C	W/m2	°C	W/m2	°C	W/m2	°C
30	15	50.5	19.8	40.3	18.9	63.5	21.0	49.9	19.8
30	18	40.2	21.9	32.0	21.2	50.5	22.8	39.7	21.9
30	20	33.3	23.3	26.5	22.7	41.8	24.1	32.9	23.3
30	22	26.3	24.7	21.0	24.2	33.0	25.3	26.0	24.6
30	24	19.2	26.0	15.3	25.6	24.1	26.5	18.9	26.0
35	15	67.6	21.3	53.9	20.1	85.0	22.8	66.8	21.2
35	18	57.4	23.4	45.7	22.4	72.1	24.7	56.7	23.4
35	20	50.5	24.8	40.3	23.9	63.5	26.0	49.9	24.8
35	22	43.6	26.2	34.8	25.4	54.8	27.2	43.1	26.2
35	24	36.7	27.6	29.3	26.9	46.1	28.5	36.3	27.6
40	15	84.7	22.7	67.5	21.3	106.4	24.5	83.7	22.7
40	18	74.5	24.9	59.4	23.6	93.5	26.5	73.6	24.8
40	20	67.6	26.3	53.9	25.1	85.0	27.8	66.8	26.2
40	22	60.8	27.7	48.5	26.7	76.4	29.0	60.1	27.7
40	24	54.0	29.1	43.0	28.2	67.8	30.3	53.3	29.1
45	15	101.8	24.1	81.1	22.4	127.8	26.2	100.6	24.0
45	18	91.5	26.3	73.0	24.8	115.0	28.2	90.5	26.2
45	20	84.7	27.7	67.5	26.3	106.4	29.5	83.7	27.7
45	22	77.9	29.2	62.1	27.8	97.8	30.8	77.0	29.1
45	24	71.1	30.6	56.6	29.4	89.2	32.1	70.2	30.5
50	15	118.8	25.5	94.7	23.6	149.2	27.9	117.4	25.4
50	18	108.6	27.7	86.5	25.9	136.4	29.9	107.3	27.6
50	20	101.8	29.1	81.1	27.4	127.8	31.2	100.6	29.0
50	22	94.9	30.6	75.7	29.0	119.2	32.6	93.8	30.5
50	24	88.1	32.0	70.2	30.5	110.7	33.9	87.1	31.9
55	15	135.8	26.9	108.3	24.7	170.6	29.6	134.2	26.8
55	18	125.6	29.1	100.1	27.0	157.7	31.6	124.1	29.0
55	20	118.8	30.5	94.7	28.6	149.2	32.9	117.4	30.4
55	22	112.0	32.0	89.3	30.1	140.6	34.3	110.7	31.9
55	24	105.2	33.4	83.8	31.7	132.1	35.6	103.9	33.3

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°