Annex 18 : Tabel G.12 uit de norm NBN EN ISO 13790

Table G.12 — Example of conventional input data related to occupancy

Building type	a	b	c	d	e	f	g	h	i) Other types				Unit
Building category / Input data	Single-family houses	Apartment blocks	Offices	Education buildings	Hospitals	Restaurants	Trade services	Sports facilities	Meeting halls	Industrial buildings	Warehouses	Indoor swimming pools	
Internal set-point temperature in winter	20	20	20	20	22	20	20	18	20	18	18	28	°C
Internal set-point temperature in summer	26	26	26	26	26	26	26	26	26	26	26	28	°C
Area per person (occupancy)	60	40	20	10	30	5	10	20	5	20	100	20	m^2/person
Average heat flow per person	70	70	80	70	80	100	90	100	80	100	100	60	W/person
Metabolic gain per conditioned floor area	1,2	1,8	4,0	7,0	2,7	20,0	9,0	5,0	16,0	5,0	1,0	3,0	W/m^2
Presence time per day (monthly average)	12	12	6	4	16	3	4	6	3	6	6	4	h
Annual electricity use per conditioned floor area [a]	20	30	20	10	30	30	30	10	20	20	6	60	kWh/m^2
Part of electricity use within conditioned part of building	0,7	0,7	0,9	0,9	0,7	0,7	0,8	0,9	0,8	0,9	0,9	0,7	—
Airflow rate with external air per conditioned floor area [a]	0,7	0,7	0,7	0,7	1,0	1,2	0,7	0,7	1,0	0,7	0,3	0,7	$m^3/(h \cdot m^2)$
Airflow rate with external air per person	42	28	14	7	30	6	7	14	5	14	30	14	m^3/(h·person)
Heating need for hot water per conditioned floor area [a]	10	20	10	10	30	60	10	80	10	10	1,4	80	kWh/m^2

[a] These figures refer to the gross conditioned area, calculated with external building dimensions. This area includes all conditioned space contained within the thermal insulation layer. For example, an internal unheated (but indirectly heated) staircase is included, but a cellar is not.

EN 15316-3.1:—, Annex A, provides information on the used volume of hot water in various types of building.