

Name	Description	Unit
scr_gebaeude_id	Building Screening-ID	-
plz	Zipcode of building location	-
hk_geb	Usage type (main category)	-
uk_geb	Usage type (subcategory)	-
max_occupancy	Max. number of persons	-
wall_area Og	Area of all walls above ground in contact with the outside	m <sup>2</sup>
wall_area Ug	Area of all walls below ground in contact with soil	m <sup>2</sup>
window_area_north	Area of the glazed surface in contact with the outside facing north	m <sup>2</sup>
window_area_east	Area of the glazed surface in contact with the outside facing east	m <sup>2</sup>
window_area_south	Area of the glazed surface in contact with the outside facing south	m <sup>2</sup>
window_area_west	Area of the glazed surface in contact with the outside facing west	m <sup>2</sup>
net_room_area	Area of all floor areas from usable rooms including all floor plan levels of the building	m <sup>2</sup>
energy_ref_area	Energy reference area of the building	m <sup>2</sup>
base_area	Area for the calculation of transmission heat losses to the soil	m <sup>2</sup>
roof_area	Area of the roof in contact with the outside	m <sup>2</sup>
building_height	Mean height of the building	m
lighting_load	Lighting load	W/m <sup>2</sup>
lighting_control	Lux threshold at which the lights turn on	Lux
lighting_utilisation_factor	A factor that determines how much natural solar lumminace is effectively utilised in the space	-
lighting_maintenance_factor	A factor based on how dirty the windows area	-
glass_solar_transmittance	Solar radiation passing through the window (g-value)	-
glass_solar_shading_transmittance	Solar radiation passing through the window with active shading devices	-
glass_light_transmittance	Solar illuminance passing through the window	-
u_walls	U value of external walls	W/m <sup>2</sup> K
u_windows	U value of glazed surfaces	W/m <sup>2</sup> K
u_roof	U value of the roof	W/m <sup>2</sup> K
u_base	U value of the floor	W/m <sup>2</sup> K
temp_adj_base	Temperature adjustment factor for the floor	-
temp_adj_walls Ug	Temperature adjustment factor for walls below ground	-
ach_vent	Air changes per hour through ventilation	1/h
ventilation_efficiency	Efficiency of the heat recovery system for ventilation. Set to 0 if there is no heat recovery	-
ach_win	Air changes per hour through opened windows	1/h
ach_inf	Air changes per hour through infiltration	1/h

Name	Description	Unit
night_flushing_flow	Air changes per hour through night flushing	1/h
thermal_capacitance	Thermal capacitance of the building	J/m <sup>2</sup> K
t_start	Starting temperatur for simulation	°C
t_set_heating	Thermal heating set point	°C
t_set_cooling	Thermal cooling set point	°C
max_heating_energy_per_floor_area	Maximum heating load per floor area. Set to no.inf for unre- stricted heating	W
max_cooling_energy_per_floor_area	Maximum cooling load. Set to -np.inf for unrestricted cooling	W
heating_supply_system	The type of heating system	-
heating_emission_system	The type of cooling system	-
cooling_supply_system	How the heat is distributed to the building	-
cooling_emission_system	How the cooling energy is distributed to the building	-