

Building Performance Report

Generated on 2025-05-31 20:13:03

Input Parameters

Ext.Wall Partition: Concrete

Int.Wall Partition: Concrete

Int.Slab Partition: Concrete

Roof Insulation: XPS

Compactness: 0.9

Ext.Wall Insulation: EPS

Ext.Slab Insulation: XPS

Roof Partition: Concrete

Window To Wall Ratio: 0.9

Gross Floor Area: 200.0

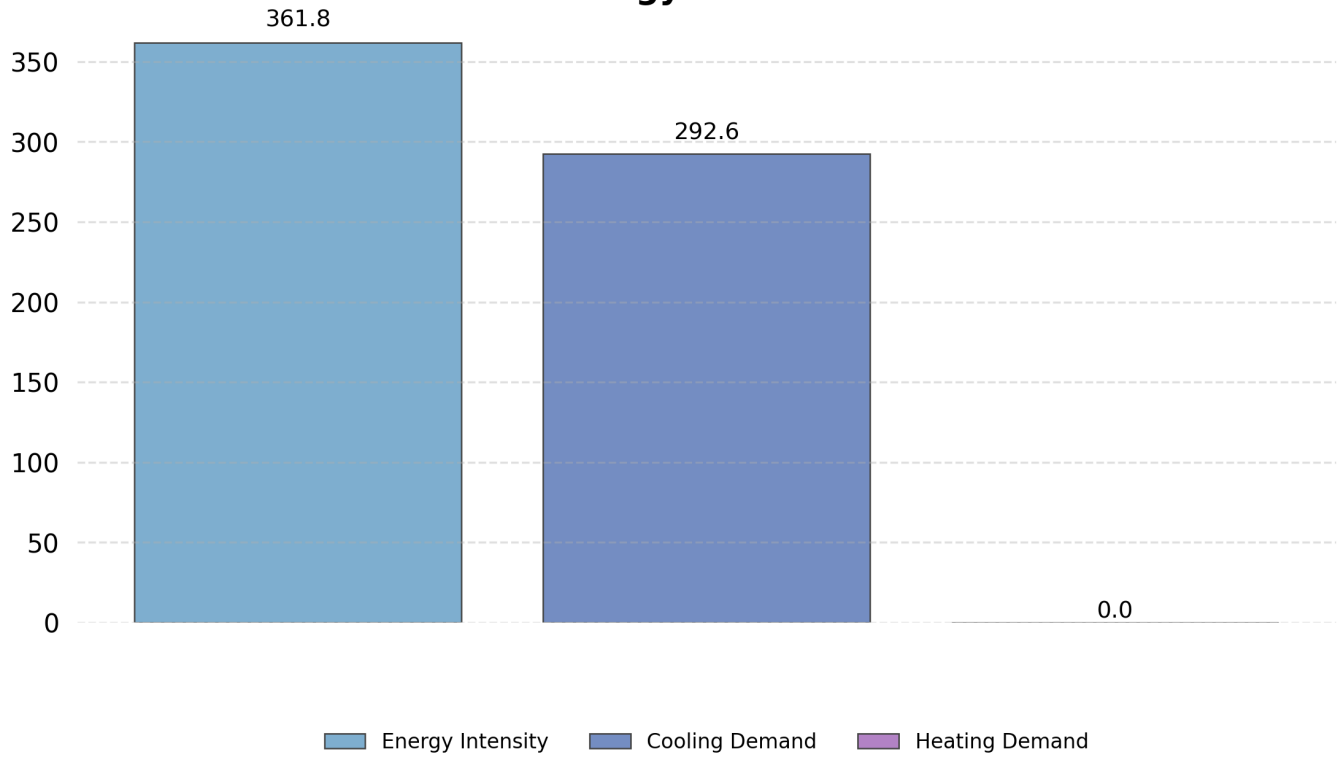
Energy Performance

EUI: 362 kWh/m2a

Cooling: 293 kWh/m2a

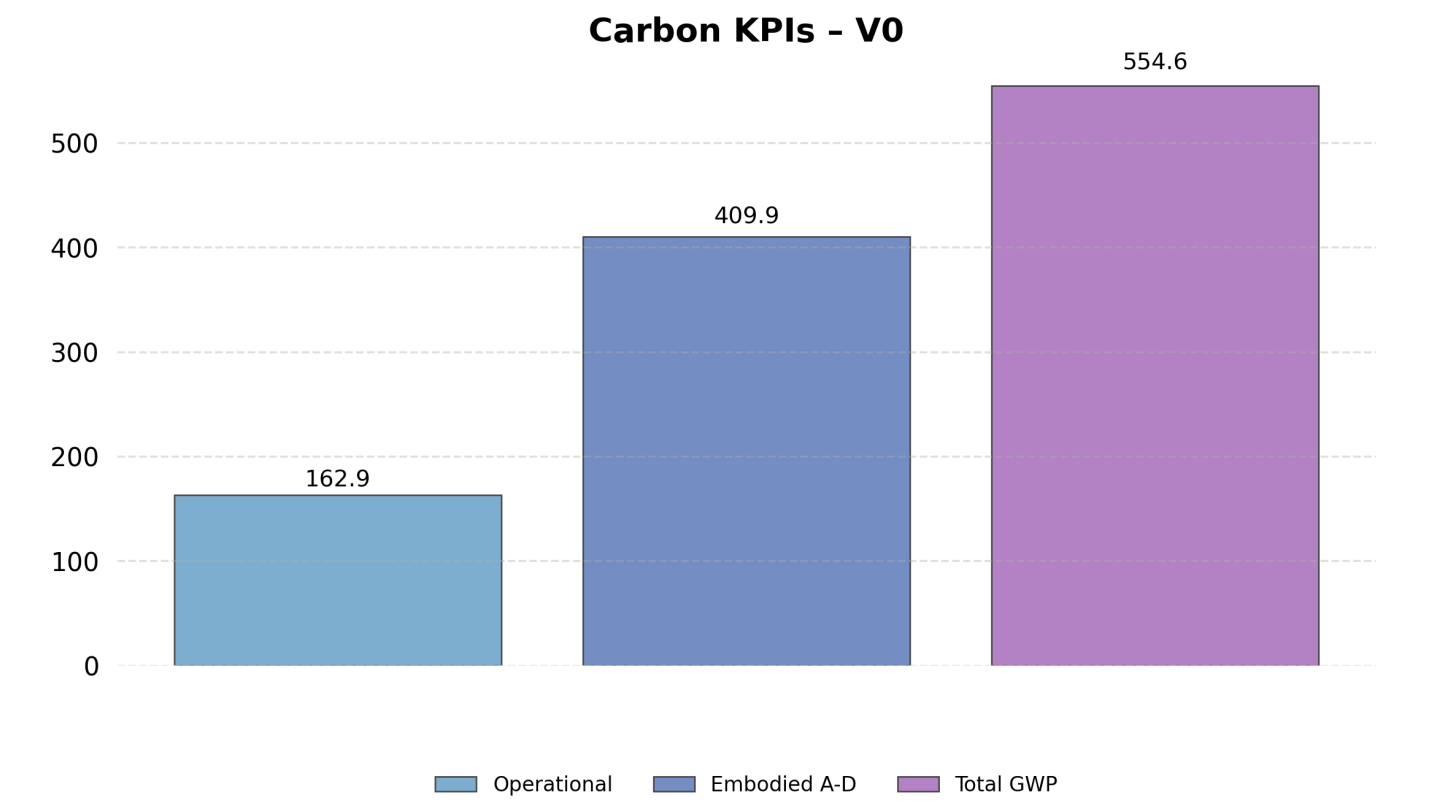
No heating demand

Energy KPIs - VO



Carbon Emissions

Operational carbon: 163 kg
Embodied A-D: 410 kg
Total GWP: 555 kg



Input Parameters

Ext.Wall Partition: Brick

Int.Wall Partition: Brick

Int.Slab Partition: Concrete

Roof Insulation: XPS

Compactness: 0.9

Ext.Wall Insulation: Cellulose

Ext.Slab Insulation: Extruded_Glas

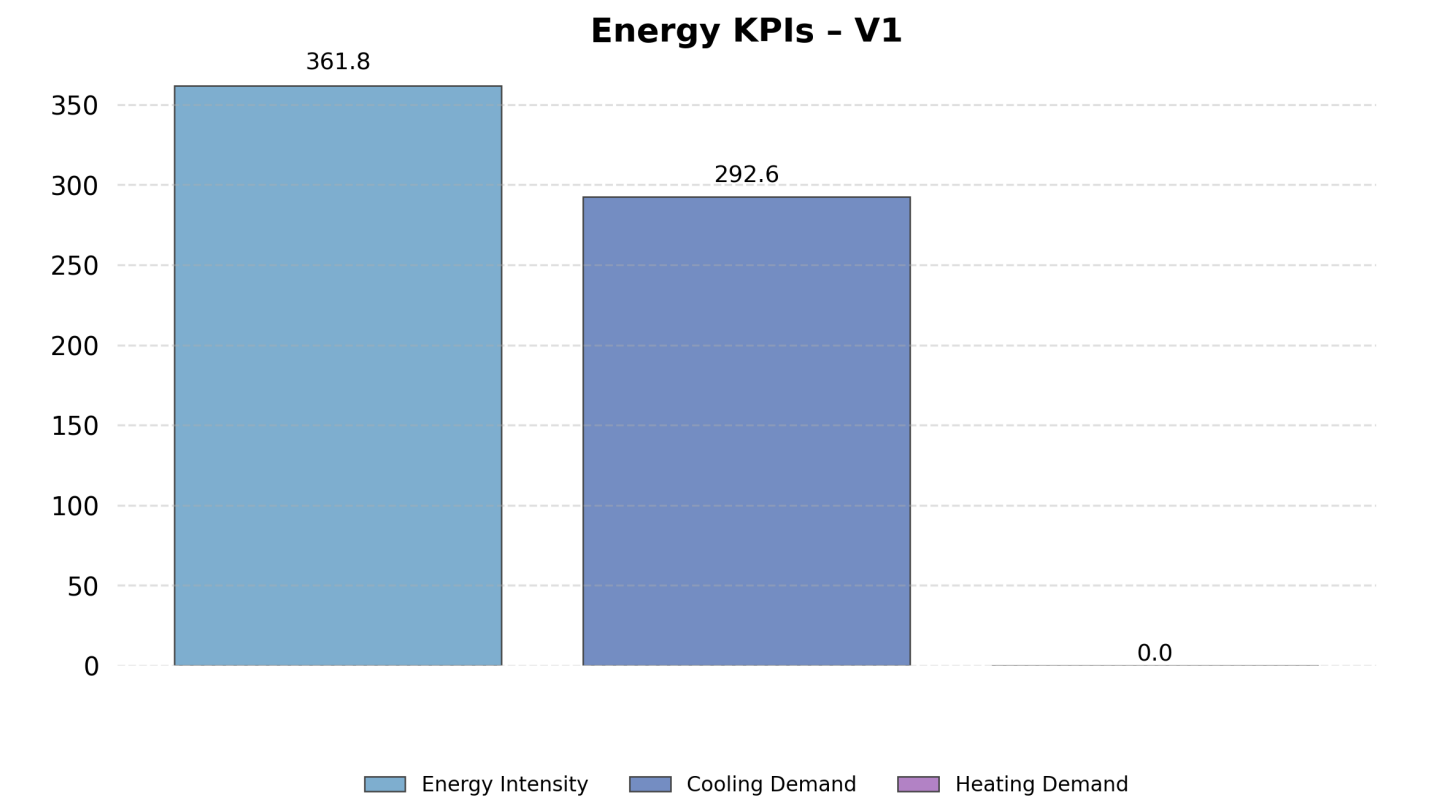
Roof Partition: Concrete

Window To Wall Ratio: 0.9

Gross Floor Area: 200.0

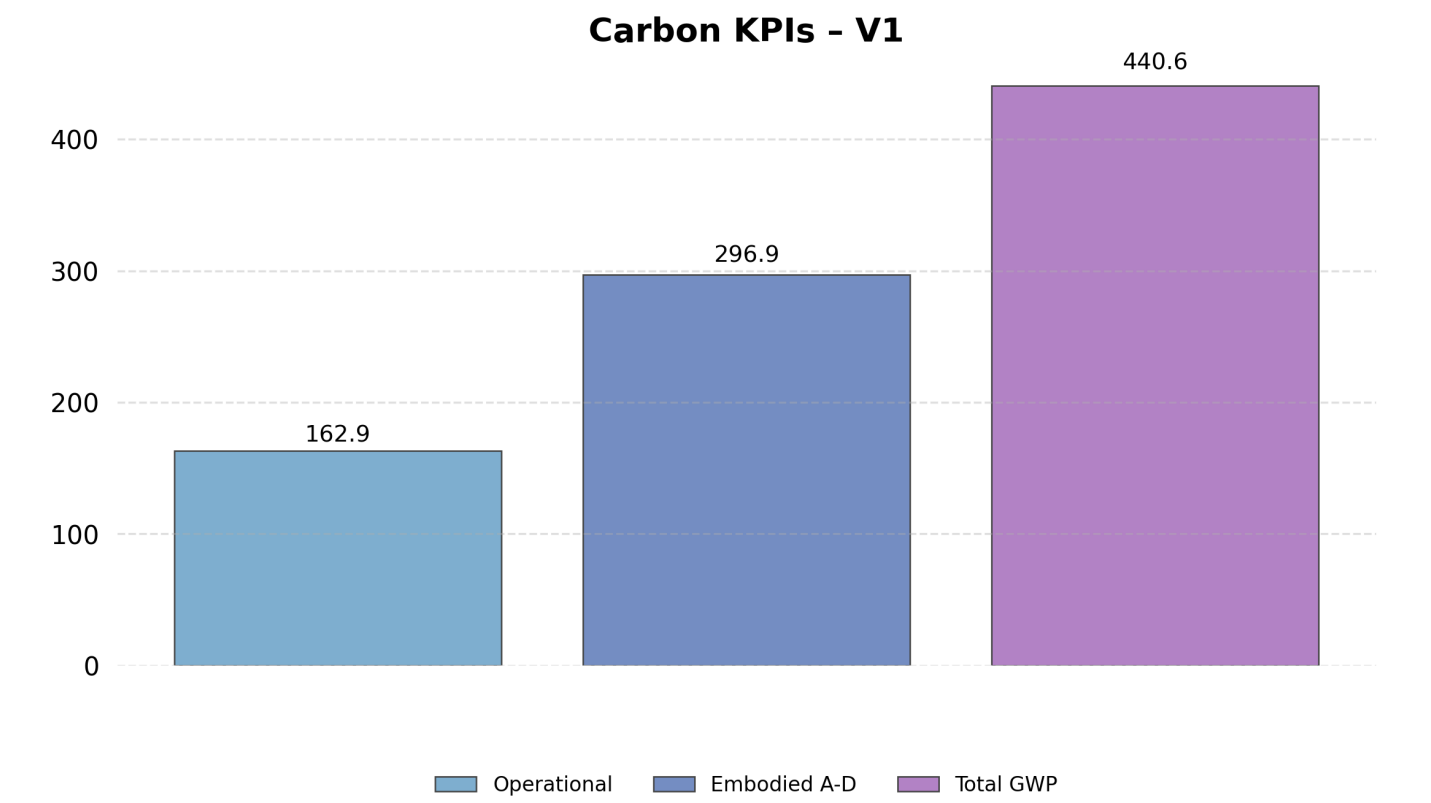
Energy Performance

EUI: 362 kWh/m2a
Cooling: 293 kWh/m2a
No heating demand



Carbon Emissions

Operational carbon: 163 kg
Embodied A-D: 297 kg
Total GWP: 441 kg



Input Parameters - V2

Input Parameters

Ext.Wall Partition: Concrete

Int.Wall Partition: Concrete

Int.Slab Partition: Concrete

Roof Insulation: Mineral_wool

Compactness: 0.9

Ext.Wall Insulation: EPS

Ext.Slab Insulation: XPS

Roof Partition: Concrete

Window To Wall Ratio: 0.9

Gross Floor Area: 200.0

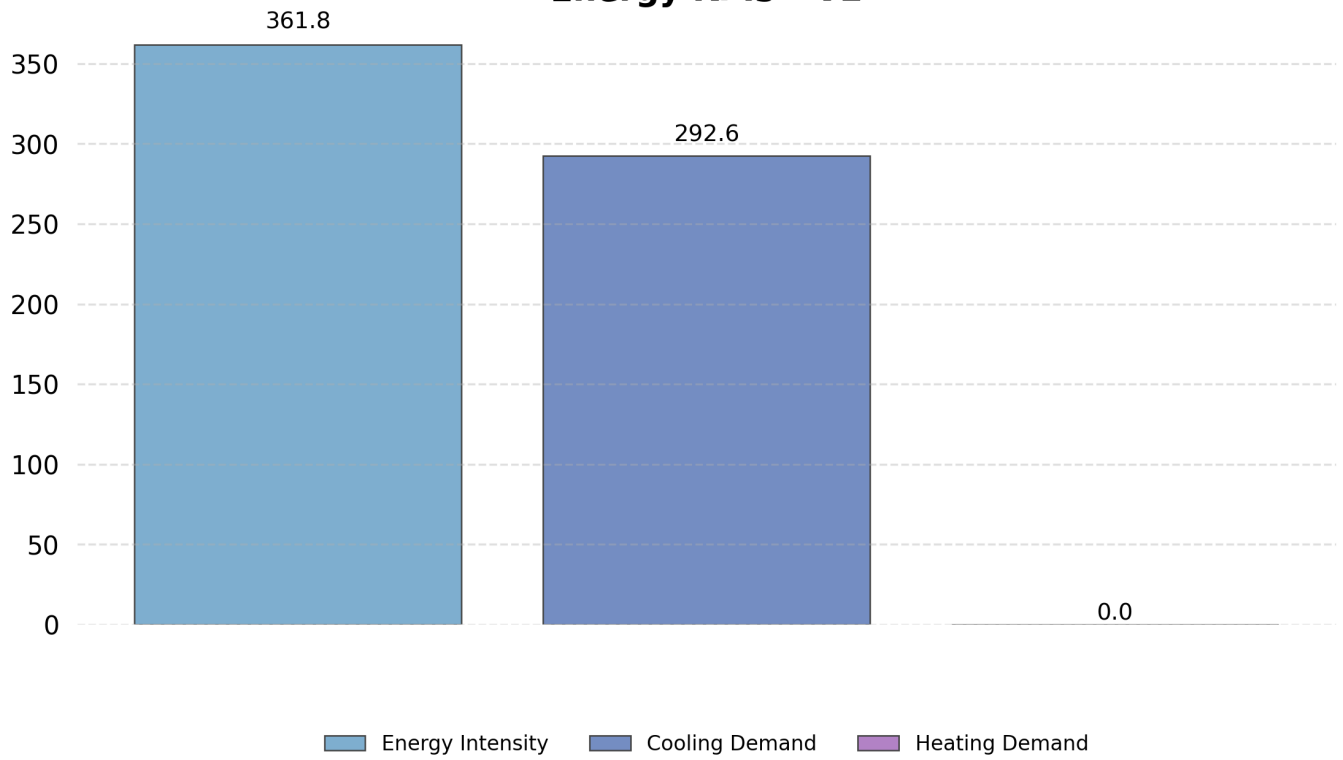
Energy Performance

EUI: 362 kWh/m2a

Cooling: 293 kWh/m2a

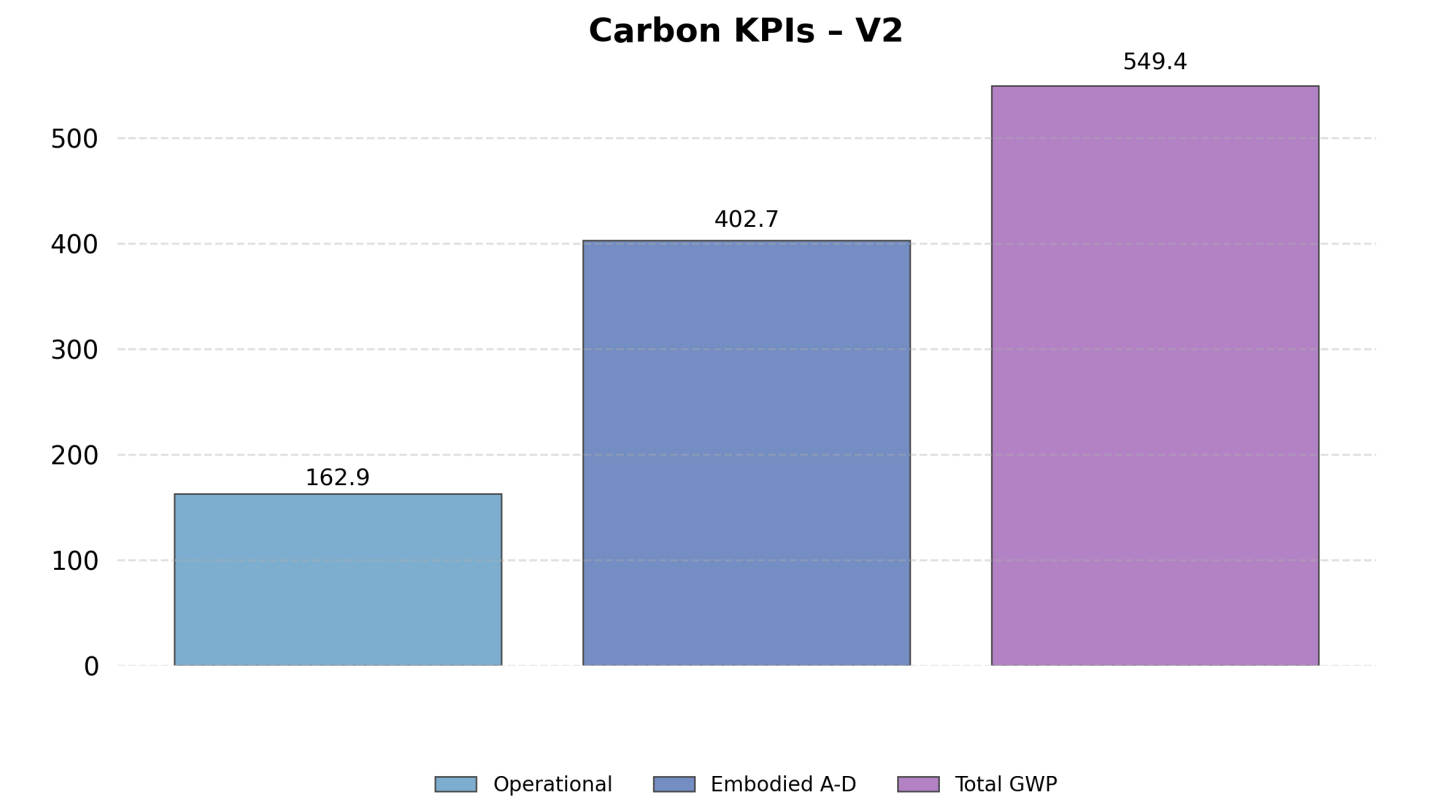
No heating demand

Energy KPIs - V2



Carbon Emissions

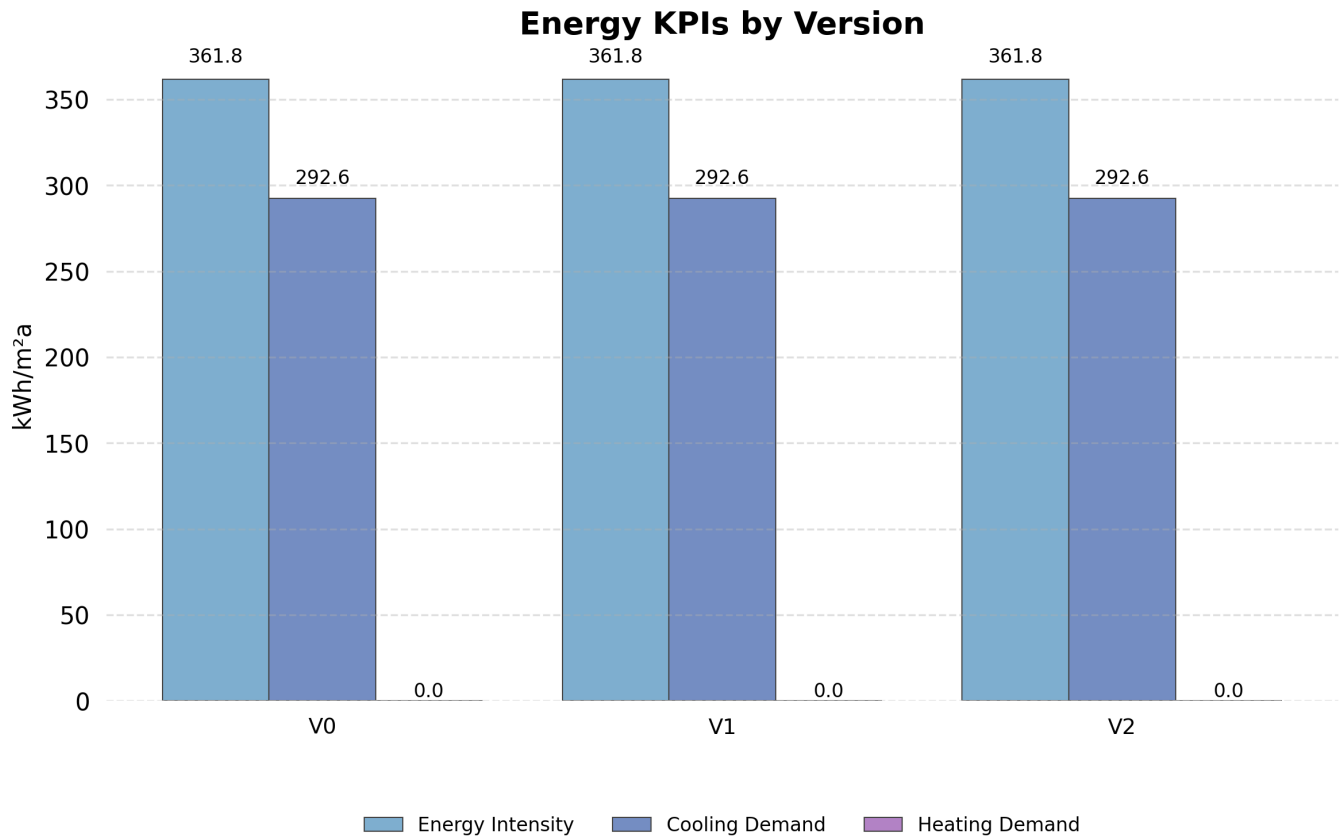
Operational carbon: 163 kg
Embodied A-D: 403 kg
Total GWP: 549 kg



Energy Trend by Version

Energy Trend by Version

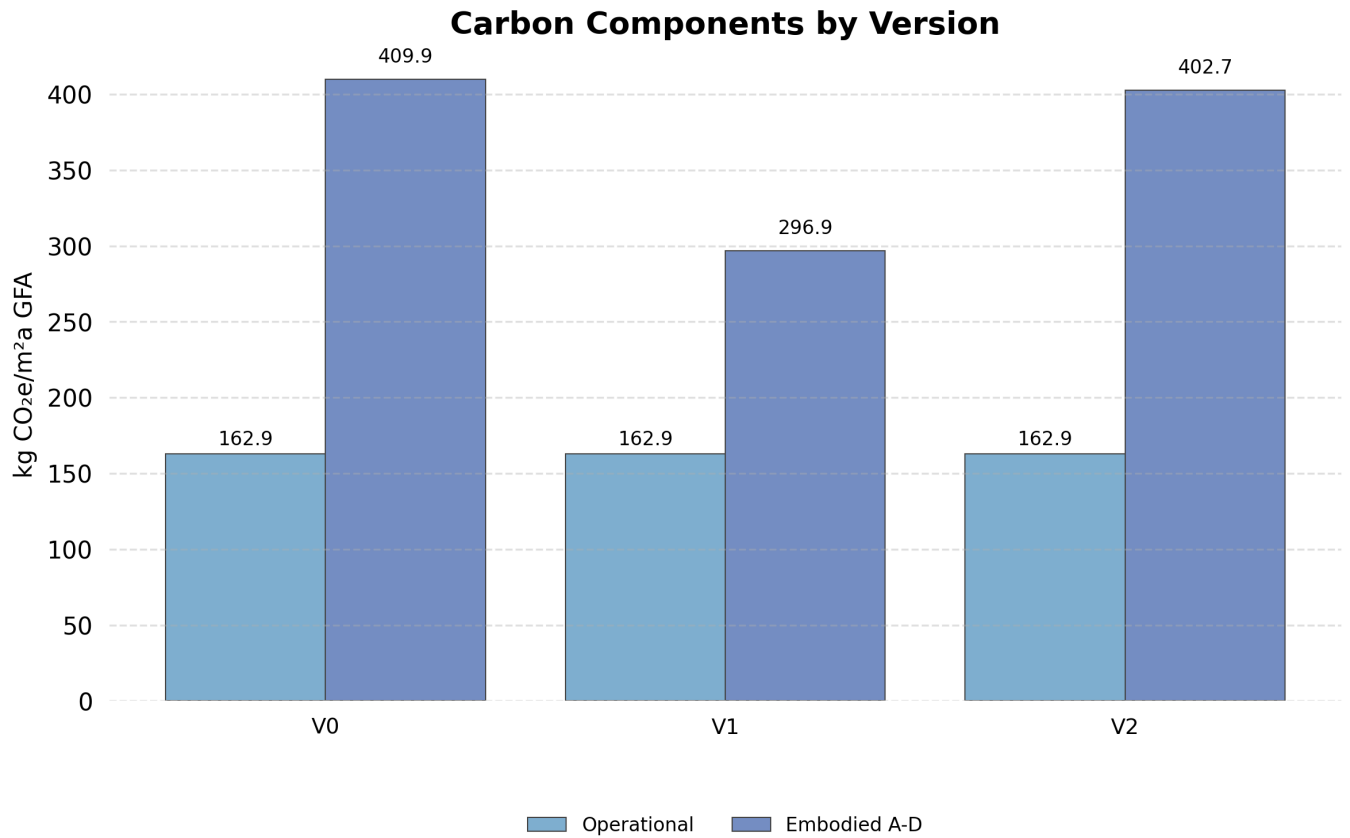
EUI remains unchanged from 362 to 362 kWh/m²a (+0 %). Cooling demand remains unchanged from 293 to 293 kWh/m²a (+0 %). No heating demand in any version.



Carbon Trend by Version

Carbon Trend by Version

Operational carbon remains unchanged from 163 to 163 kg CO₂e/m²a (+0 %). Embodied A-D falls from 410 to 403 kg CO₂e/m²a (-2 %).



GWP Trend by Version

GWP Trend by Version

Total GWP falls from 573 to 566 kg CO₂e/m²a (-1 %).

