Latitudes Global Studio Commercial
Buildings in São Paulo

CONJUNTO NACIONAL

Beatriz Nascimento e Souza

SÃO PAULO | DECEMBER 2017
Condomínio Conjunto Nacional

**Architect** | David Libeskind

**Opening** | 1956

**Orientation** | Northeast

**Address** | Paulista Ave. 2073

- **27 floors**
- **97.6 meters high**
- **124,277.6 square meters**
- **Ceiling height 2,55 meters**

**Reinforced concrete structures**

**Pilotis | Marquises | Brise-soleil**

**Opened ground plane**
Architecture

Vertical Block

Horsa II       Horsa I       Guayupá

Horizontal Block

Condomínio Conjunto Nacional | 1956
Architecture

- Commercial and Residential use
- Commercial and Recreation
- Shopping center
- Garage

80.6m
14m
72m

Paulista Ave.
Architecture

Ground floor
Architecture

Terrace
Architecture

24th floor (original)
Thermal Simulations
Thermal Simulations

Santos Office
Area | 26 m²
Orientation | Southwest
Floor | 24°
Infiltration | 0,25
Occupation | 8:00h to 20:00h

Paulista Office
Area | 26 m²
Orientation | Northwest
Floor | 24°
Infiltration | 0,25
Occupation | 8:00h to 20:00h
February Week Temperature Profile
CCN Offices - Santos | Comparative
Percentage of hours of February X Temperature Ranges
CCN Offices - Paulista/Santos | with Air Conditioning

*Percentage of occupied hours.
Percentage of hours of February X Temperature Ranges
CCN Offices - Paulista/Santos | Natural Ventilation

* Percentage of occupied hours.
February Week Temperature Profile
CCN Offices - Paulista | without Air Conditioning

*Percentage of occupied hours.*
Percentage of hours of July X Temperature Ranges
CCN Offices - Paulista/Santos | without Air Conditioning

- Hours below 24°C
  - Paulista Office: 13%
  - Santos Office: 20%

- Hours between 24°C and 26°C
  - Paulista Office: 11%
  - Santos Office: 16%

- Hours between 26°C and 28°C
  - Paulista Office: 19%
  - Santos Office: 0%

- Hours above 28°C
  - Paulista Office: 64%
  - Santos Office: 44%

*Percentage of occupied hours.*
Percentage of hours of July X Temperature Ranges
CCN Offices - Paulista/Santos | Natural Ventilation

* Percentage of occupied hours.
Percentage of hours of July X Temperature Ranges
CCN Offices - Paulista/Santos | with Air Conditioning

- Hours below 24°C: Paulista Office 18%, Santos Office 25%, Outdoor 25%
- Hours between 24°C and 26°C: Paulista Office 50%, Santos Office 55%, Outdoor 10%
- Hours between 26°C and 28°C: Paulista Office 11%, Santos Office 10%, Outdoor 0%
- Hours above 28°C: Paulista Office 20%, Santos Office 11%, Outdoor 0%

*Percentage of occupied hours.
Latitudes Global Studio Commercial Buildings in São Paulo

CONJUNTO NACIONAL

Beatriz Nascimento e Souza

SÃO PAULO | DECEMBER 2017