

PRINCIPAL DATA

LIBRARY NAME:	Biblioteca Josep Clara		
DISTRICT N°:	Districte 5	DISTRICT NAME:	SARRIA-SANT GERVA BIM
ADDRESS:	Dr. Carulla, 22-24	Total area	1.323 Library area
			30075 1.323
HOURS:	Morning: Wed/Thurs/Sat, from 10 am to 2 pm T: From Mon to Fri from 3.30 pm to		
Website:	http://w110.bcn.cat/portal/site/Biblioteques/menuitem.95987d47d185c50972e072e0a2e8a0c/?vgnextoid=dee93e215454a310VgnVCM10000072fea8c0RCRD&vgnextchannel=dee93e215454a310VgnVCM10000072fea8c0RCRD&lang=ca_ES		
	Distribution:	Use	Surface area
		GF	Children's and periodicals area
		F1	Knowledge, novels, dictionaries area
		BF	Offices, storage area, archive

LOCATION[How to get there](#)**IMAGES****SUPPLIES:**

Electricity	Principal		Reserve
Gas		X	
Water		-	
		X	

PRIMARY ENERGY CONSUMPTION:

	Consumption	Rate	Ratio
Electricity	Consumption 2012 (kWh) 99.452,00	Cost 2012 (€) 18.669,05	(kWh/m²) 75.17
	Consumption 2011 (kWh) 97.191,00	Cost 2011 (€) 16.913,00	(kWh/m²) 73.46
Gas	Consumption 2012 (kWh) -	Cost 2012 (€)	(kWh/m²)
	Consumption 2011 (kWh) -	Cost 2011 (€)	(kWh/m²)
	Consumption 2012 (m³) -	Cost 2012 (€)	(kWh/m²)
Water	Consumption 2012 (m³) 188	Cost 2012 (€) 476,52	(m³/m²) 0.14
	Consumption 2011 (m³) 117	Cost 2011 (€) 371,25	(m³/m²) 0.09

ENERGY MANAGEMENT DATA

The company has an energy manager
There is an energy-accounting procedure
There are meters for the main sectors
There is a centralised Control and Monitoring system
Previously energy audits have been carried out
There is an Energy/Emissions reduction plan
Other services:

Special features:

Direction faced by building's entrance north-east facade
Park in front of the building's entrance with natural lighting, benches and bower
Building with public access to the ground floor and first floor and library staff only access to the basement floor

Closures

F1: North-east-facing facade with double glazed windows with curtains controlled from the GF
F1: South-east-facing facade with glass block windows (glass brick)
GF: North-east-facing facade with double glazed windows with curtains controlled from the GF
GF: South-east facing facade with windows and/or glass blocks Events hall with curtains

Electricity

Digital meter located in a cupboard on the GF in the toilets' hallway besides the electricity distribution board
General switch 160A and 3x250A fuses
General distribution board to control the whole library
Distribution board prepared for the installation of a battery of condensers

Lighting

Lighting is switched on directly from the electricity distribution board
F1_Sala1: Fluorescent lighting with out a switch control
F1_Sala 2: Fluorescent lighting with out a switch control
F1_Sala 3: Fluorescent lighting and downlights
GF_Children's area: Fluorescent lighting
GF_Periodicals room: Fluorescent lighting
PB_Hall, prevents hall: Fluorescent lighting
PB_Events hall: Fluorescent lighting
PB_Information zone: downlights
GF_Toilet hallway Fluorescent lighting with switch
GF_Men's toilets: Incandescent lighting with switch
GF_Women's toilets: Incandescent lighting with switch
GF_Disabled toilets: Incandescent lighting with switch
GF_Children's area toilets: Incandescent lighting with switch
BF_staff zone: Downlights
BF_storage area: fluorescent lighting with switch
BF_Toilets Incandescent lighting with switch
BF_Cleaners room: Incandescent lighting with switch
External: 2 lamp stands, 1 spotlight and 4 downlights installed at the entrance

Air conditioning and heating

Installation consists of 4 VRV units (cold and hot) located on the covered floor
BRAND: Mitsubishi ; MODEL: PUH-10MYC
Coolant R22; one or two machines have been substituted with the R417A coolant (registered on machine 1, district staff state that it was two machines)
Interior equipment located on the ceiling using ducts
F1: 3 interior units; one per room. Thermostat control. Air distribution and return through grills
GF: 5 interior units; one per room. Thermostat control. Air distribution through vents and return through grills
Events hall with on/off switch

BF: The storage area has an air treatment fan

Water

Only CW
Toilets GF: press-button timer tap and double flush cistern
Toilets GF children's area: monobloc tap (connected with only one flushing system) and double flush cistern
Staff toilets BF: press-button timer tap and double flush cistern
Office BF: tap CW

