

PRINCIPAL DATA

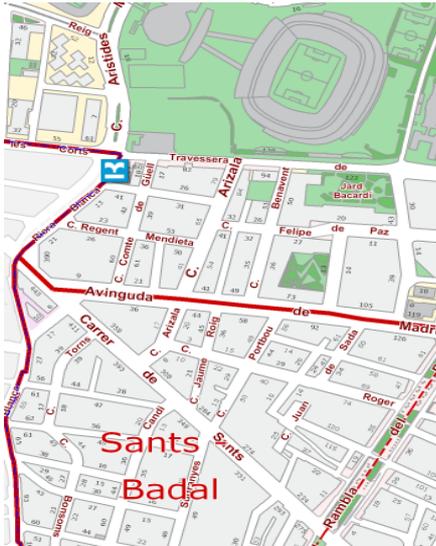
LIBRARY NAME:	Biblioteca Miquel Longueras	DISTRICT NAME:	LES CORTS	BIM	607756
DISTRICT N°:	Districte 4	Total area		Library area	1.445
ADDRESS:	Riera Blanca, 1				
HOURS:	Morning: Wed/Fri/Sat, from 10 am to 2 pm T: Mon/Wed/Fri, from 4 pm to 9 pm M/T: Wed/Thurs from 10 am to 9 pm SUMMER: Same timetable, except: Saturday:CLOSED				
Website:	ques/menuitem.95987d47df85c50972				

Distribution:		Use	Surface area
BF	Children's area		598
GF	Access + Loan area		593
F1	General collection		593
F2	Computer area + WIFI		527
F3	Meeting rooms, visitors' rooms		380
F4	Multi-use room, Toy collection, Storage a		380

LOCATION

IMAGES

[How to get there](#)



SUPPLIES:

Electricity	Principal	X	Reserve
Gas		-	
Water		X	

PRIMARY ENERGY CONSUMPTION:

	<u>Consumption</u>	<u>Rate</u>	<u>Ratio</u>
Electricity	Consumption 2012 (kWh) 292.861,00	Cost 2012 (€) 54.650,50	(kWh/m²) 202,67
	Consumption 2011 (kWh) 282.751,00	Cost 2011 (€) 50.468,00	(kWh/m²) 117,37
Gas	<u>Consumption</u>	<u>Rate</u>	
	Consumption 2012 (kWh) -	Cost 2012 (€)	(kWh/m²)
	Consumption 2012 (m³) -	Cost 2012 (€)	
	Consumption 2011 (kWh) -	Cost 2011 (€)	(kWh/m²)
Water	<u>Consumption</u>	<u>Rate</u>	
	Consumption 2012 (m³) 1406	Cost 2012 (€) 2418,32	(m³/m²) 0,97
	Consumption 2011 (m³) 1217	Cost 2011 (€) 2059,19	(m³/m²) 0,51

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:

This space is shared with the Riera Blanca Civic Centre.
There is currently a single entrance for the two spaces, but work is under way to create two separate entrances
On the ground floor there is an events hall, the use of which is shared between the library and the civic centre
There is a lift for the library that runs from the BF to F2
There is a lift for the civic centre that runs from the BF to F4
BF, height of 2.3 m
Each floor is twice the height
F2 - management office: it is very cold

Closures

BF: unprotected windows
GF - Events hall windows with interior curtains
Staircase GF-F1: windows with interior curtains
F1: windows with interior curtains (general area and reading room)
Staircase F1-F2: windows with interior curtains
F2 - general area: windows with interior curtains (general area and reading room)
F2 - management office: there are no interior curtains

Electricity

Use of the electricity meter is shared between the library and the civic centre (3 315A fuses each; 4P/400A)
There is a battery of condensers
The meter covers the general distribution board for the fourth floor of the civic centre from where it supplies the different sub-distribution board
BF: Sub-distribution board floor, SAI sub-distribution board and SAI by-pass (to the storage area where there is the SAI and RACK)
GF: Sub-distribution board (general switch 4P/C32A)
F1: Sub-distribution board
F2: Sub-distribution board (general switch 4P/C25A)
F4: Sub-distribution board which supplies the air conditioning system

Lighting

The lights are switched on by the cleaning service when they start approximately at 6 am and they are not switched off. The lights are switched off by the library managers
As a result there are days when the lighting is on in some areas even though there are no users present or the library is open
The switching on and off of the lights is done via the electric distribution boards, although there are switches in each zone

BF - toilets (men's, women's, disabled and cleaning room): dichroic lighting system with switches
BF: toilets corridor: downlights
PS - children's area and storage area: fluorescent lighting
BF - toilets (men's, women's, disabled and cleaning room): dichroic lighting system with switches
BF: toilets corridor: downlights
GF - reception and loans area: fluorescent lighting
GF - Events hall fluorescent lighting, which is switched on via the floor's sub-distribution board, but there are switches
F1 - toilets (men's, women's, storage area and cleaning room): dichroic lighting system with switches
F1 - general area: fluorescent lighting (F36W/840) and incandescent light bulbs, which are switched on via the floor's sub-distribution board
F1 - reading area: fluorescent lighting (F36W/840) + 1 downlight + PL lamps, which are switched on via the floor's sub-distribution board
F2 - toilets (men's, women's, staff toilets and cleaning room): dichroic lighting system with switches
F2 - general area: fluorescent lighting, which is switched on via the floor's sub-distribution board
F2 - study room: fluorescent lighting with switches that are not used
F2 - office: fluorescent lighting with switches that are not used
F2 - management office: fluorescent lighting with switches that are not used

Air conditioning and heating

Heat pumps located under cover to supply cold and heat (2 pipes) to the library and the civic centre, with an inertia deposit
First one machine was installed and then a second one, as the first did not provide the necessary capacity for the facilities
Machine 1: CIATESA Model IWE 420 (86,9 kW cold - 90 kW heat)
Machine 2: FERROLI Model Neptuno 90R P (88,20 kW cold - 96,3 kW heat)
The machines are switched on centrally from the floor sub-grid
The machines are currently switched on 24 hours a day/365 days a year
The summer/winter seasonal change is done by the maintenance staff on the centre's request
Each interior unit, air conditioning ducts located in the toilets' false ceiling, has an independent thermostat
The interior unit are supplied with outside air directly via the facade, through grills, to replenish the air supply, which is mixed with the air to be pumped back out
BF: 1 interior machine + 1 thermostat beside the lift
BF: distribution carried out through ducts that open onto vertical linear grills + ceiling vents
BF: return distribution through a vertical grille besides the emergency exit
GF: 2 interior machines, one for the events hall (false ceiling in men's toilets) and another for the reception and loan area (false ceiling in women's toilets); each has their own thermostat
GF: distribution carried out via ducts that open onto vertical linear grills
GF: return distribution via a vertical grille located besides the civic centre reception area
GF: distribution carried out via ducts that open onto vertical linear grills
GF: return distribution via a vertical grille located besides the civic centre reception area
F1: 2 interior machines, one for the general area (false ceiling in toilets) and another for the reading area (false ceiling in toilets); each has their own thermostat
F1 - general area: distribution carried out via ducts that open onto vertical linear grills + ceiling vents + linear grille in the ceiling besides the windows
F1 - general area: return distribution through a vertical grille besides the emergency exit
F1 - reading area: distribution carried out via ducts that open onto vertical linear grills + linear grille in the ceiling besides the windows
F1 - reading area: return distribution via a vertical grille
F2: 1 interior machine, with its thermostat beside the lift
F2 - general area: distribution carried out via ducts that open onto vertical linear grills + linear grille in the ceiling besides the windows
F2 - general area: return distribution through a vertical grille besides the emergency exit
F2 - study room: distribution carried out via ducts that open onto vents
F2 - study room: return distribution via a vertical grille located that connects with the management office
F2 - management office: distribution carried out via ducts that open onto vents
F2 - management office: return distribution via a vertical grille that connects with the corridor

Water

Only cold water
Basins with push button taps
Toilets with single-flush cisterns
Office, sink with conventional tap

Computers

BF - children's area: 2 work computers + 4 consultation computers
BF - storage area: 1 work computer + 1 scanner + 1 fax
GF: 3 work computers + 1 consultation computer
F1 - general area: 2 work computers + 2 consultation computers + 2 TVs
F1 - reading area: 1 consultation computer
F2 - general area: 3 work computers + 9 consultation computers
F2 - study room: 6 work computers + 1 printer
F2 - management office: 1 computer