

# Proto, Kämnärsvägen 40 - 44

Quick facts

Construction start:	October 2017
Move-in:	April - June 2019
Architekt:	Mattias Hedberg-Ek, Fojab Arkitekter
General contractor	: NCC Sverige AB
Apartments:	68 one room apartments 22 - 32 sq.m.
	108 two room apartments 37 - 57 sq.m.
	9 three room apartments 58 - 73 sq.m.

Proto means first in Greek. Proto is also the first new neighborhood on Kämnärsrätten that is undergoing a major change by replacing the old four-leaf houses with new modern buildings. The neighborhood consists of three buildings with a total of 185 apartments.

#### General

## Design

The houses are built with a long-term perspective, in order to be able to function as attractive and cost-effective housing for students for a long time. Therefore, the frames are made of concrete and the facades of maintenance-free steel. Material selection is made from a life cycle perspective to keep for a long time without costly maintenance, while they must not contain substances that are hazardous to health or the environment.

The homes are designed to work for different students' different needs. At Proto there is a large variety of apartments for all students - singles, friends, couples, smaller families or others.

## Lock, doors and doorphone

The buildings are always locked. The access system ensures that no one other than those who live in the house can enter



Instead of a door phone, there is a button next to the door of the room in each apartment that unlocks the entrance door of the house. The idea is that visitors call the person you want to visit and the person who is in the apartment can let in the visitor. In this way, the risk is less that unauthorized persons are let into the building.

#### Laundry room

The laundry room is in a separate house on the farm. Bookings are made via our website or on the digital booking board available in Kämnärsvägen 42. The washing machines have automatic detergent dosing, so you do not have to buy your own laundry detergent.

#### Bicycle parking

Each apartment has its own bike area just outside the entrance. The places are marked with apartment numbers.

#### Apartment storage

Some apartments have extra storage space within the apartment. For those who do not, there is a storage space that belongs to the home. All stores are not in the same place. Get help from our website if you haven't found your store.

#### Heating and hot water

The energy consumption for heating the homes at Proto is about 20 kWh/sq.m. and year. The energy consumption for hot water is estimated at about 25 kWh/sq.m. and year.

Modern building technology gives us dense, well-insulated buildings with efficient heat recovery, but about half of the total energy use, you as an occupant can influence through the economical use of hot water.

The heating takes place through water-borne radiators and the energy for these comes from fossil-fuel-free district heating. The same applies to hot water.

All pipe routings are made with "safe water" installation. This means that there is a small tube that opens a few centimeters above the floor in the bathroom. If water comes out of the nozzle, a leak has occurred. If so, make a fault report.

#### Ventilation

Ventilation means that the air in the home is continuously exchanged for new, fresh air. This is necessary to maintain a healthy indoor environment.

The air that is extracted from the bathroom via the ventilation system of the house and the cooker hood passes a heat exchanger so that the heat content is transferred to the fresh air supplied to the apartments via the bedrooms.

The cooker hood over the cooker contains no fan, instead it is connected to the house's large ventilation unit. When the damper on the cover is turned, the air flow increases even if one does not hear how the fan works. In the cooker hood, there is a metal filter that catches fat and more. For the ventilation to work, you must regularly clean the filter. The filter can be easily detached from the bottom of the housing and washed clean with ordinary dishwashing detergent and dish brush.



#### Electricity

Inside the door of the apartment is a power station with fuses and earth fault switch. If an earth fault occurs, for example if a broken device is connected, the earth fault breaker will break the current in the whole apartment.

Electricity consumption in the apartment is included in the rent

# Broadband, TV and telephone

Each apartment has a broadband connection. There are no special outlets for TV or telephony.

