

## SX-6 - INSTALLATION GUIDE

---

Information to consider before installing your RAYPA equipment.

### INDEX

Electrical connection .....	Page 2
Connections graph.....	Page 2
Cooling water supply .....	Page 3
Drainage connections.....	Page 3
Components included .....	Page 4
Dimensions.....	Page 6
Environmental conditions.....	Page 6



## FAT EXTRACTOR SX-6

### ELECTRICAL CONNECTION

The following table shows the plug configuration according to international IEC and SCHUKO standards for most European Union and LATAM countries. For customers requiring other plugs and other electrical configurations, please contact our technical team at raypa@raypa.com.

MODEL	FREQUENCY	POWER	VOLTAGE	CONNECTION
SX-6 TS	50/60 Hz	1500 W	230 (1P+N+E) V	16 A ①
SX-6 TS-115V	50/60 Hz	1500 W	120 (1P+N+E) V	16 A ①



### CONNECTIONS GRAPH

2. COOLING  
WATER INLET  
Pressure: 1,5 - 8 bar



3. COOLING WATER  
OUTLET



DRAINAGE

1. POWER SUPPLY  
CABLE  
Cable length: 2 m



#### IMPORTANT:

For a proper operation of the equipment, the hose connected to the COOLING WATER OUTLET (3), must be led to a drain and the free end must not be submerged in neither it should have bends or siphons.

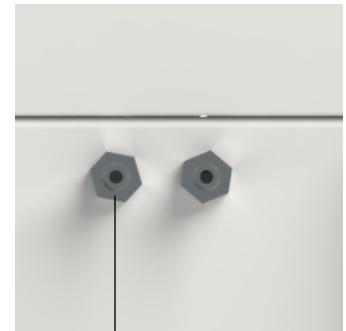
## FAT EXTRACTOR SX-6

### COOLING WATER SUPPLY

Decalcified water is required for cooling the equipment. Connect the COOLING WATER INLET (2) with the hose supplied\* to a decalcified water supply (pressure between 1,5 and 8bar).

The water used for cooling should have a temperature equal to or lower than 25°C.

\*See section of included components for more information on the technical characteristics of this hose.

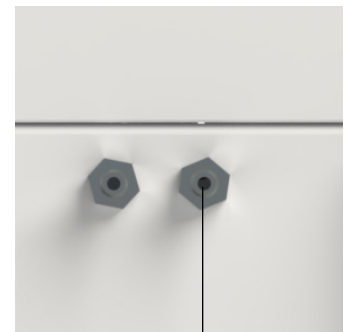


2. COOLING  
WATER INLET

### DRAINAGE CONNECTIONS

The supplied hose\* must be connected to the COOLING WATER OUTLET (3) of the unit and secured with a cable tie. The other end must be piped to a drain.

\*See section of included components for more information on the technical characteristics of this hose.



3. COOLING  
WATER OUTLET



#### IMPORTANT:

For a proper operation of the equipment, the hose connected to the COOLING WATER OUTLET (3), must be led to a drain so that the free end is not submerged in water. It must not present bends or siphons.

## COMPONENTS INCLUDED



1 reinforced NBR hose 2m long with a 3/4" threaded connection both at the equipment and a tap (gaskets included).

For:

**2. COOLING WATER INLET**



1 transparent silicone hose of Ø8 x Ø14mm and 1m long with *press-fit* connection to connect to the equipment and at the other end lead to a drain.

For:

**3. COOLING WATER OUTLET**



12 aluminum extraction cups.



6 aluminum alignment tubes for the extraction cartridges.



25 cellulose extraction cartridges.



12 aluminum holders for the extraction cartridges.



6 EPDM gaskets.

Note: 6 Vitón® gaskets are already installed inside the equipment. Depending on the solvent used, the Vitón® seals should be replaced by the EPDM seals (see compatibility table in the manual). It is recommended to always use the same set of gaskets and not to mix them.

**COMPONENTS INCLUDED** continuation



1 stainless steel clamp for an individual handling of extraction cups.



1 stainless steel clamp for a simultaneous manipulation of the alignment tubes.



1 stainless steel rack for alignment tubes.



2 stainless steel racks for extraction vessels.



2 stainless steel racks for extraction cartridges.

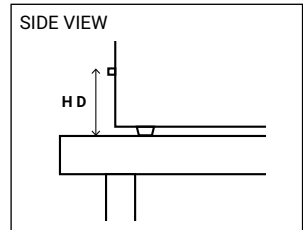
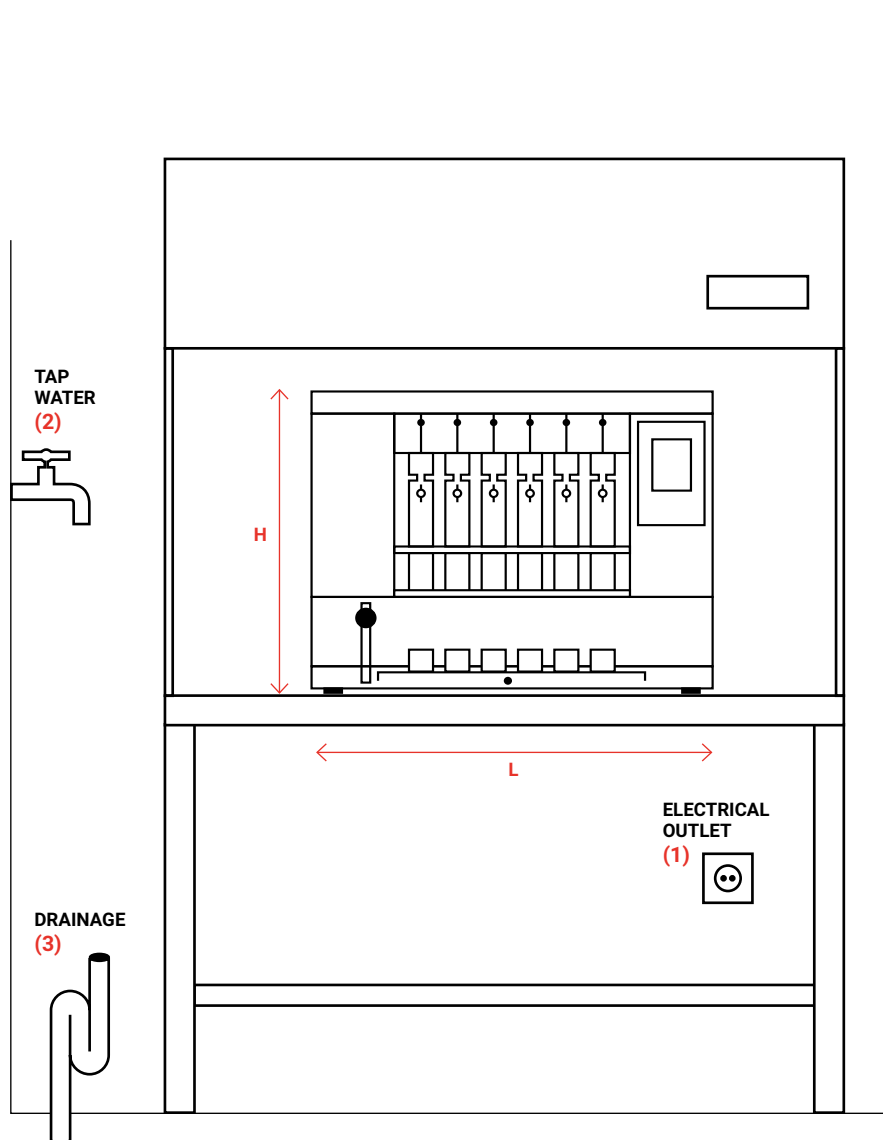
## FAT EXTRACTOR SX-6



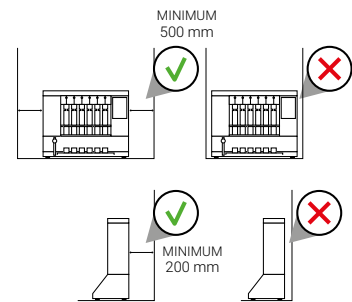
### DIMENSIONS TO CONSIDER FOR THE INSTALLATION OF YOUR EQUIPMENT

The equipment shall be placed on a stable and flat surface suitable for the weight of the equipment, ideally always inside a laboratory laminar flow cabinet. At a distance of less than 1500mm, a water supply, a drain and an electrical outlet must be provided. For safety reasons, the distance between both sides of the equipment and the wall or any other object must be 500mm and between the equipment and the rear wall it must be at least 200mm. Do not place containers, chemicals or other devices behind the equipment.

MODEL	L LENGTH	D DEPTH	H HEIGHT	HD DRAINAGE HEIGHT
SX-6 TS	680 mm	330 mm	580 mm	136 mm



**WARNING:**  
Respect the recommended distances



### ENVIRONMENTAL CONDITIONS

This equipment is prepared to operate under the following maximum conditions:

- Ambient temp.: 5 to 40°C
- Humidity: 30 to 80%

**FAT EXTRACTOR**  
**SX-6**

more info



CLICK!  
ACCESS  
THE SX-6  
VIDEO

Find out more about our **SX-6** extractor on our YouTube Channel



REV 05.2023