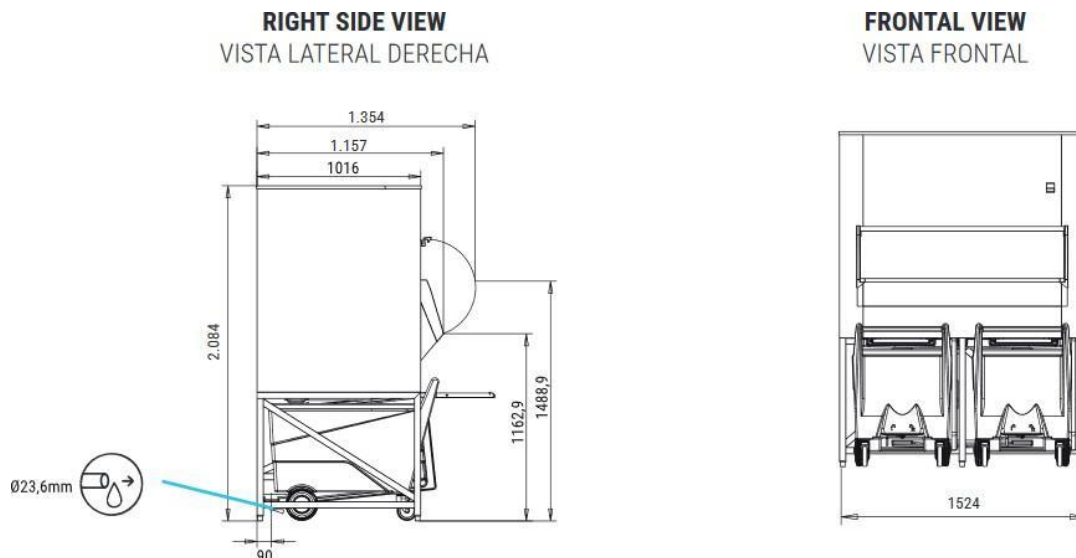
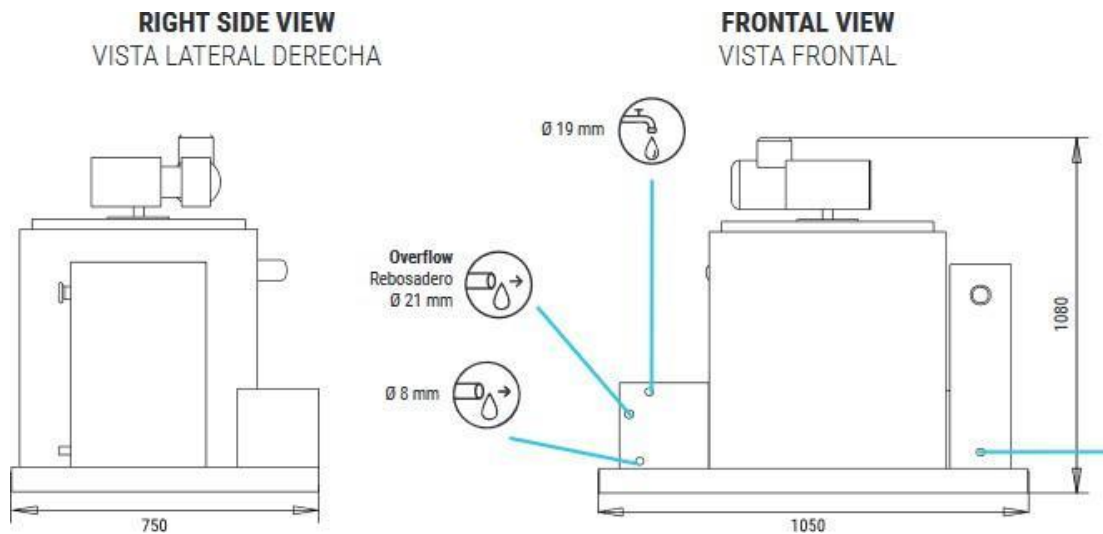


## REMOTE INSTALLATION OF SCALA 2000 ON A BIN WITH A CARRIAGE

### INDOOR UNIT / BIN WITH CARRIAGES

The indoor unit, with a height of 1080 mm, will be placed on the BIN with a carriage, which has a height of 2084 mm. The ceiling height is 2800 mm, but they will dismantle the false ceiling to fit the unit, and then put it back around the unit. In principle, there is no problem; they will level the floor.

Below are the measurements of the BIN and the indoor unit, which will be placed on the BIN.



For the installation of the indoor unit, we will need to bring a lift (the unit weighs 507 lbs) to place it on the BIN.

The water supply is below, and we have more than enough reach. The drainage outlet will be raised to just below the height of the BIN.



*Water connections / BIN location with machine, they will remove the false ceiling*

Power connection in the box with a circuit breaker, so that we can wire it (we will use the same existing cable from the unit, removing the plug and connecting it will be enough).

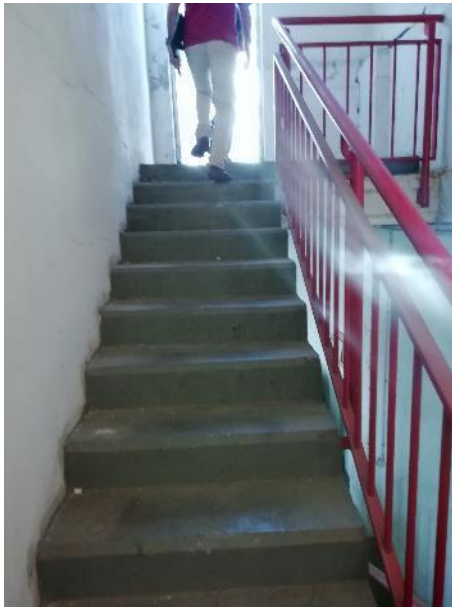
We will make use of the existing piping, but we need to flush it with nitrogen and check for leaks. To connect the existing refrigeration piping to the indoor unit, we will need to add about 10 extra meters. This should be taken into account. I recommend going to see everything if necessary.

We need to lower the old unit to the ground so they can make use of it.

### **OUTDOOR UNIT, CONDENSER**

The outdoor unit is the usual one, the Sylensis, weighing 580 lbs. It goes on the top, and first, we need to remove the existing one to take it for scrapping.

To access the area, you need to go up some stairs, two flights with a landing. Then pass through the terrace and up another small metal staircase. I'm not sure if we can do it manually or if it's better to request a crane; if so, we need to assess this quickly.



Again, we will use your electrical supply for our unit and connect to the existing pipes. It will be placed on the existing base, as during heavy rain, the water level rises since the drains cannot handle more. We need to bring some armaflex to repair the existing insulation that goes to the unit on the outside.



*Current condensing unit to be removed, maintain the base without a roof for the new one*

**POINTS TO CONSIDER:**

Points to consider:

- Indoor unit: We need a lift to raise it onto the BIN, which is 2 meters high and weighs 630 lbs.
- Existing unit: We need to lower it from a height of one and a half meters on a concrete BIN, accessible.
- Refrigerant piping: We will use the existing piping after flushing with nitrogen. Note that we need to extend the piping by about 10 meters to reach from the current malfunctioning indoor unit to the new one on the BIN with carriages.
- Condensing unit: We need to remove the existing unit and install ours, weighing 580 lbs. Access involves traversing the center with a pallet jack, possible from 7 am to 10 am or at night (preferably in the morning), and going up some stairs. Using a crane from the street may be better due to the center's height; we should request a large crane. I recommend visiting the site to assess everything.
- Drainage, electricity, and water are all accessible without issues; the center will leave everything ready for us.
- We will request them to recover the refrigerant into their bottles from the existing installation.
- Install armaflex to replace the damaged existing insulation on the rooftop, affected by sunlight.