

High Efficiency Microwave Thawing Machine

Frozen meat is best thawed in a closed container to avoid meat contamination. The thawing equipment is used to thaw when the demand is large. Therefore, the container of the thawing equipment must be convenient for picking and dropping frozen meat and thawed meat.



Frozen fresh meat/Frozen fresh meat

Advantages of high efficiency microwave thawing machine:

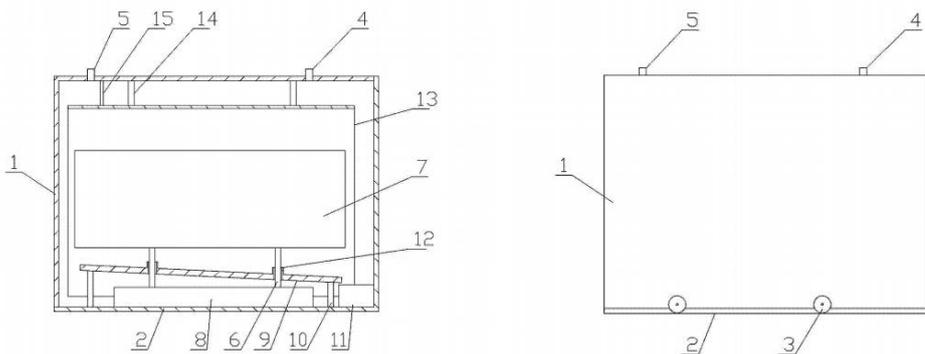
The detachable cap of the sealed container has three sides and a top surface. When the opening is opened, the movable cover can be completely separated from the base, the meat rack is completely exposed so that the frozen meat can be placed and the thawed meat can be taken out. And the opening and closing of the movable cover and the base are convenient. The frozen meat thawing method is convenient to operate and has high work efficiency. In order to make the frozen meat evenly heated and not in direct contact with the high heat steam of the steam inlet, the sealed container is provided with aluminum or iron baffle, the baffle is suspended from the top surface of the movable cover. The steam inlet and the steam outlet are arranged on the top surface of the movable cover, a partition is arranged between the steam inlet and the steam outlet, the partition is n-shaped, and the partition is connected with the movable cover and the baffle; When the sealed container is closed, the baffle covers the top surface, the left and right sides of the meat rack, the baffle is not in contact with the sealed container, and the lower side of the baffle is provided with a temperature sensor. Due to the set baffle, the steam contacts the baffle after entering, and condenses into water droplets on the baffle to dissipate heat into the air of the sealed container to warm the air. This prevents a large amount of steam from coming into direct

contact with the frozen meat, thereby avoiding the condensation of a large amount of water droplets on the surface of the frozen meat and taking away the soluble nutrients in the frozen meat.

The high efficiency microwave thawing machine is mainly to add steps to shake the crystallization of frozen meat surface. The use of gradual thawing reduces the time to understand the freezing time and saves energy. The insulated liquid collecting box can reduce the heat absorbed by the waste liquid.



High efficiency microwave thawing machine



Structure Figure 1/Structure Figure 2

1, movable cover, 2, base, 3, rolling wheel, 4, steam inlet, 5, steam outlet, 6, meat rack legs, 7, meat rack, 8, vibration generator, 9, deflector, 10, Baffle legs, 11, liquid collection box, 12, casing, 13, baffle, 14, boom, 15, partition.

Working principle of high efficiency microwave thawing machine:

Frozen meat thawing machine comprising a sealed container and a meat rack disposed in the sealed container, the sealed container being connected with a steam inlet and a steam outlet, the sealed container being a rectangular parallelepiped, the sealed container comprising a base and a movable cover, the base is composed of a bottom surface and a side surface of the rectangular parallelepiped, the movable cover is composed of three sides and a top surface of the rectangular parallelepiped, at least two rolling wheels are arranged on the outer side of the two sides of the movable cover adjacent to the side of the base, the lowest point of the rolling wheel is flush with the lower side of the bottom surface of the base. During the rolling process, the movable cover has two states of sealing the butt joint with the base or completely separating from the base. In order to oscillate the crystal on the surface of the frozen meat, a vibration generator is arranged on the bottom surface of the base and the meat rack is arranged on the vibration generator.

In order to prevent the waste liquid generated by the vibrating crystal from contaminating the sealed container, a deflector is disposed between the meat rack and the vibration generator, the meat rack is a box body having a bottom plate as a mesh plate and the deflector is fixed on the base. On the bottom surface, the deflector is inclined, a liquid collecting box is arranged below the lower end of the deflector; the meat rack is fixed on the vibration generator through a plurality of meat rack legs, a plurality of vertical sleeves are fixed on the top surface of the deflector, the deflector is provided with a hole communicating with the sleeve, and each of the meat rack legs of the meat rack is inserted into a sleeve, and a sealing ring is arranged in the sleeve.

Our services:

1. All of our machines are warranted for one year, including high efficiency microwave thawing machine and fresh meat fast microwave thawing machine.
2. We will arrange professional technical engineers to help you install the machine in your factory. If you need, we will train your staff on mechanical operation.
3. We have excellent mechanical production team, sales team, foreign trade documentation team, and after-sales service team to ensure that we meet customer requirements.

Our Leader Microwave Equipment Company has extensive experience and state-of-the-art

technology in the field of microwave machinery. We always adhere to the principle of "Quality First, Customer First" to carry out our business. Therefore, we are favored by many customers. If you are interested in our machinery and equipment, please contact us in time!