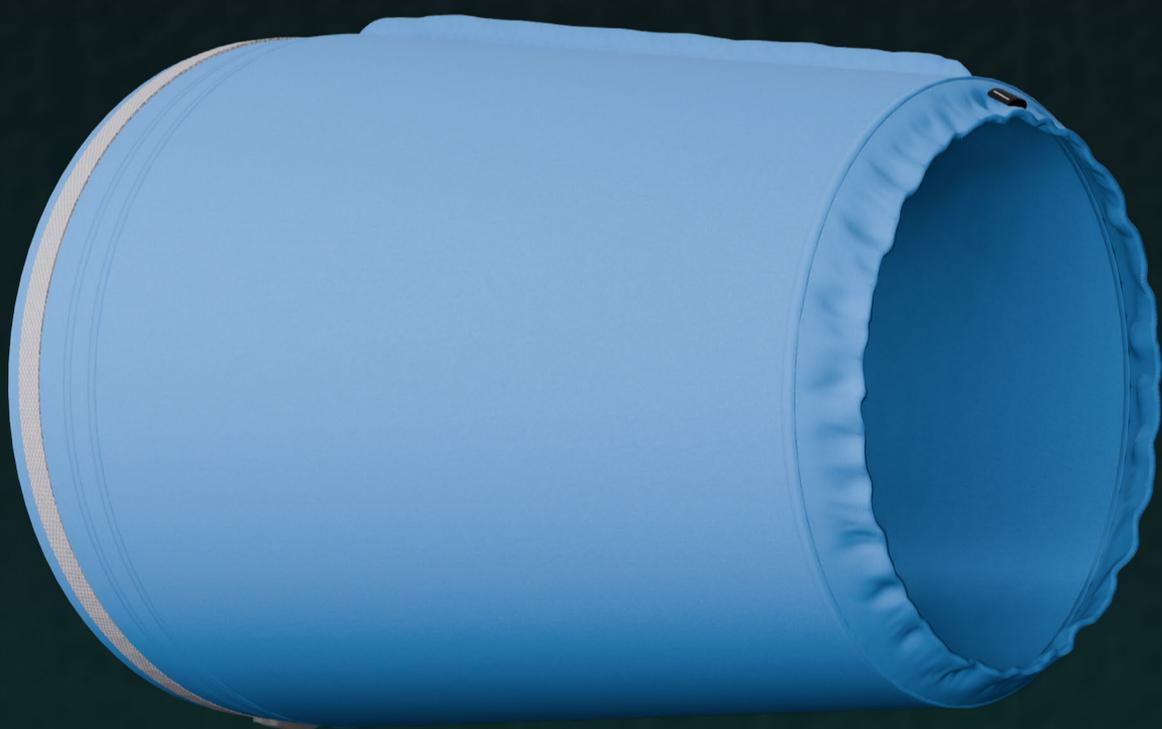


Our technical solutions

DefrosTex



DEFROSTEX

❌ PROBLEM: Freezing of evaporator

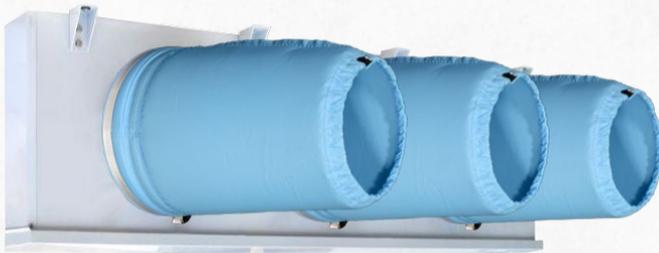
- ▶ The operation of the evaporator requires frequent defrosting, and that comes with higher operation costs.



✅ SOLUTION: DefrosTex

- ▶ The installation of this DefrosTex will reduce the time required for defrosting, hence increasing the efficiency of the operation of evaporators and reducing operating costs.

Fan in operation



Cooler off

Gravity causes the fabric to cover the fan, preventing the movement of air through the cooler and speeding up its defrosting.

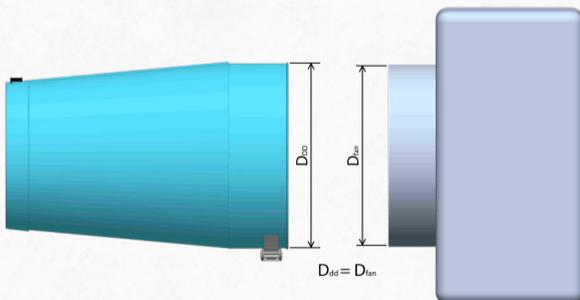


i Basic characteristics

- ▶ Low pressure loss, up to 20% higher range of the current compared to competing products.
- ▶ Smooth inner walls – seams outside.
- ▶ Adjustable strip for preventing fabric vibrations.
- ▶ Not any additional airflow equalizer.

DefrosTex fabric

- ▶ Over many years we've been making defrost dampers, we've gained a great deal of experience and tried several different fabrics. Many installations have suffered mechanical damage or frosted up. We have therefore developed a unique material that is very lightweight yet extremely strong. Its special surface finish does not allow frost to build up.



- ▶ The stainless steel buckle should be mounted at the bottom.

🌊 Airflow reach

- ▶ $w = 0,5 \text{ m/s}$ at 22 m
- ▶ The conical shape of the defrost dampers stabilizes the flow and at the same time increases the reach of the current.

