



Mod. F 450 UHT (ultra high temperature)

CONSERFRIO® grain chilling units for the safest and cost-effective storage of bulk grain, seeds and perishable granular products as wheat, barley, paddy rice, milled rice, maize, soybeans, sunflower seeds, cotton seeds, alfalfa pellets and cubes, feed pellets, etc.

- The units are fully designed, manufactured and tested in our ISO 9001:2008 certified company.
- CE certification.
- Fully automatic operation: automatic air temperature and air relative humidity control.
- Touch panel, PLC, digital control, silent and smooth operation, Highest accuracy output of chilled air conditions.
- The units are weather protected by means of metal casing with lockable doors.
- Long experience, we produce grain chillers since 1969.



Conserfrío® units chilling grain stored in a warehouse



The Conserfrio® F450UHT has been specifically designed to work under the harshest ambient temperature conditions of the desert.

Technical data CONSERFRIO® Mod. F450UHT

Grain refrigerating capacity			
Maximum capacity			650 ton/day
Minimum capacity			375 ton/day
Average capacity			450 ton/day
Chilled airflow characteristic curve	1,000 Pa		24,500 m ³ /h
	2,000 Pa		22,000 m ³ /h
	3,000 Pa		19,000 m ³ /h
	4,000 Pa		15,000 m ³ /h
	5,000 Pa		8,000 m ³ /h
Nominal refrigerating capacity of the compressor		50 Hz	60 Hz
10°C/+40°C at evaporating /condensing temperatures		224 kW	266 kW
10°C/+50°C		195 kW	231 kW
10°C/+60°C		165 kW	195 kW
10°C/+70°C		135 kW	160 Kw
Power input			
Electric power input of compressor at nominal conditions		43.9 kW	53.0 kW
Chiller input load at nominal conditions to=10°C y tk=45 °C		69.7 kW	83.6 kW
Maximum input load		112.0 kW	134.4 kW
Electric plug CEE (the unit includes its own 250A plug)		200 A	200 A
Chilled air connection Ø			600 mm
Main sizes	length		4,700 mm
	width		2,320 mm
	height		3,200 mm
	weight		4,180 kg

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REFRIGERACIÓN DE GRANOS
GRAIN COOLING

شرکت آساسورن کا وان
تلفن: ۰۲۱-۸۸۷۳ ۱۹۰۰



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