



Mod. F 450 TD

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, motors driven by reliable inverters, assuring high energy savings, 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.



1 unit F450TD chilling grain stored in a warehouse



Technical data CONSERFRIO® Mod. F 450 TD

Grain refrigerating capacity Maximum capacity Minimum capacity Average capacity		650 ton/day 375 ton/day 450 ton/day	
Chilled airflow characteristic curve	1,000 Pa 2,000 Pa 3,000 Pa 4,000 Pa 5,000 Pa	24,500 m ³ /h 22,000 m ³ /h 19,000 m ³ /h 15,000 m ³ /h 8,000 m ³ /h	
Nominal refrigerating capacity of the compressor (R407C) 0°C/+30°C at evaporating /condensing temperatures 0°C/+40°C 0°C/+50°C		50 Hz 166.5 kW 143.0 kW 121.0 kW	60 Hz 196.5 kW 168.5 kW 142.5 kW
Power input Electric power input of compressor at nominal conditions Chiller input load at nominal conditions to=0°C y tk=40 °C Maximum input load Electric plug CEE (the unit includes its own 250A plug)		37.2 kW 63.0 kW 90.0 kW 200 A	44.6 kW 76.0 kW 108.0 kW 200 A
Chilled air connection Ø		600 mm	
Main sizes	length width height weight	4,700 mm 2,320 mm 3,200 mm 4,000 kg	

All rights reserved.
Subject to technical changes without notice.



REFRIGERACIÓN DE GRANOS
GRAIN COOLING



CONSERGRA S.L.

Pol. Ind. Bufalvent · Pons i Enrich, 8
08243 MANRESA (Barcelona, Spain)
Apartado Correos 180
08240 MANRESA (Barcelona, Spain)

T. +34 938 772 207
F. +34 938 745 355
info@consergra.com
www.consergra.com