



## 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

<b>Grain refrigerating capacity</b> Maximum capacity Minimum capacity Average capacity		650 ton/day 375 ton/day 450 ton/day	
<b>Chilled airflow characteristic curve</b>	1,000 Pa 2,000 Pa 3,000 Pa 4,000 Pa 5,000 Pa	24,500 m <sup>3</sup> /h 22,000 m <sup>3</sup> /h 19,000 m <sup>3</sup> /h 15,000 m <sup>3</sup> /h 8,000 m <sup>3</sup> /h	
<b>Nominal refrigerating capacity of the compressor (R407C)</b> 0°C/+30°C at evaporating /condensing temperatures 0°C/+40°C 0°C/+50°C		<b>50 Hz</b> 166.5 kW 143.0 kW 121.0 kW	<b>60 Hz</b> 196.5 kW 168.5 kW 142.5 kW
<b>Power input</b> 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 91.9 kW 200 A	44.6 kW 76.0 kW 118.3 kW 200 A
<b>Chilled air connection Ø</b>		600 mm	
<b>Main sizes</b>	length width height weight	4,950 mm 2,340 mm 3,500 mm 4,200 kg	

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REFRIGERACIÓN DE GRANOS  
GRAIN COOLING



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