



Mod. F300 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.





Technical data CONSERFRIO® Mod. F 300 TD

Grain refrigerating capacity			
Maximum capacity			500 ton/day
Minimum capacity			260 ton/day
Average capacity			300 ton/day
Chilled airflow characteristic curve	1,000 Pa		19,000 m ³ /h
	2,000 Pa		18,000 m ³ /h
	3,000 Pa		16,000 m ³ /h
	4,000 Pa		13,000 m ³ /h
	5,000 Pa		8,000 m ³ /h
Nominal refrigerating capacity of the compressor (R407C)		50 Hz	60 Hz
0°C/+30°C at evaporating /condensing temperatures		113.0 kW	133.5 kW
0°C/+40°C		99.1 kW	117.0 kW
0°C/+50°C		84.6 kW	99.8 kW
Power input			
Electric power input of compressor at nominal conditions		25.3 kW	29.8 kW
Chiller input load at nominal conditions to=0°C y tk=40 °C		48.0 kW	56.6 kW
Maximum input load		63.0 kW	74.4 kW
Electric plug CEE (the unit includes its own 150A plug)		125 A	125 A
Chilled air connection Ø			500 mm
Main sizes	length		3,500 mm
	width		1,920 mm
	height		2,650 mm
	weight		2,300 kg

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REFRIGERACIÓN DE GRANOS
GRAIN COOLING



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