

## Advanced grain chilling – Keeps Crop Safe at Target Moisture

The CROP-PROTECTOR Chiller offers a unique way to preserve stored grain, and a unique feedback sensor lance enables energy savings and improved chilling efficiency

The CROP-PROTECTOR Chiller ensures that the crop is chilled gently, with no risk of condensation issues. It is designed to cool the crop with a minimum moisture loss to avoid shrinkage.

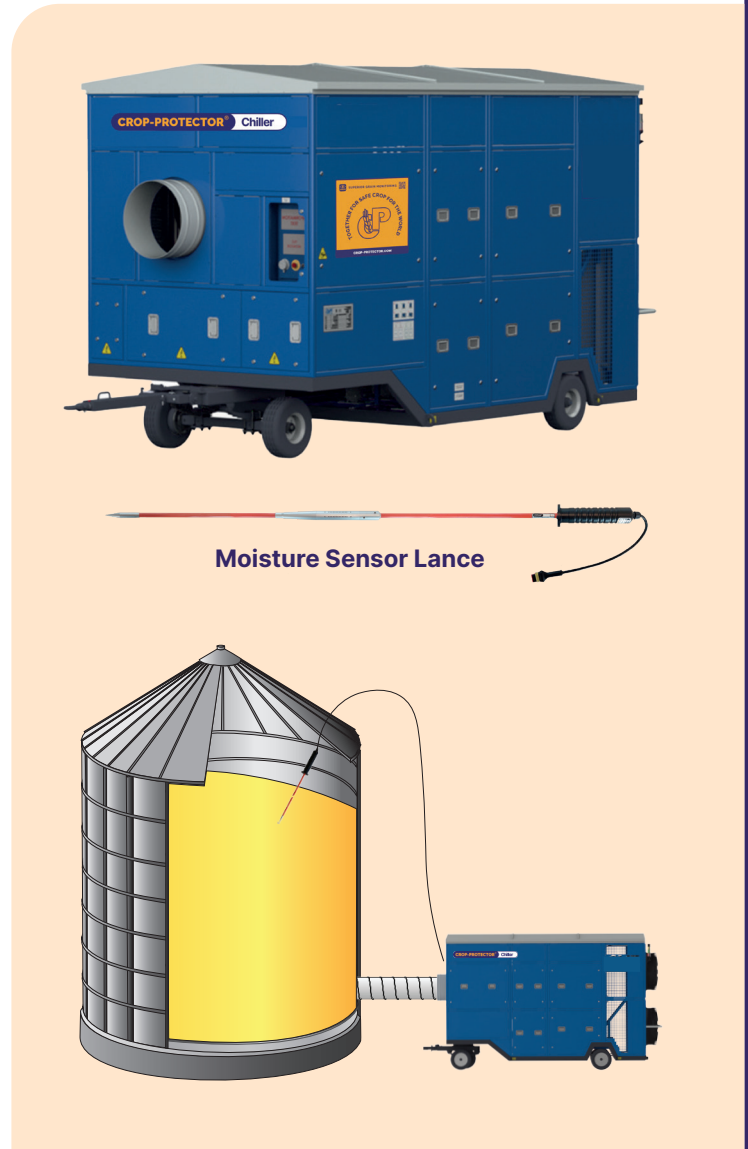
The CROP-PROTECTOR Chiller is equipped with a very strong fan, allowing the chilled air to pass through the grain mass at a high speed, cooling the grain uniformly and minimising large temperature differences between different layers in the storage silo. It adapts to any ambient temperature and humidity condition in any climate zone.

### Advantages

- Keeps the crop safe in many difficult circumstances (climate, infestation, etc.)
- Stalls emerging infestation of insects and fungi at an early stage
- Avoids use of toxic fumigation

### Unique iGRAIN Sensor Lance

- The sensor lance gives feedback to chilling control system
- Improves control to minimise risk of wetting grain over the cooling zone
- Enables a better chilling process at a lower energy consumption



Model	CP-100A	CP-160A	CP-240A
COOLING CAPACITY (TONNES/DAY), MAX.	400	600	800
COMPRESSOR COOLING CAPACITY (kW)	100	160	235
Air flow rate (m <sup>3</sup> /h) @ 1000Pa	13.000	18.000	27.000
Blower fan max. power (kW)	30	30	37
Total power load (kW), max.	83	100	124
Dimensions (L x W x H) cm	460 x 155 x 250	470 x 215 x 250	565 x 215 x 250
Net weight	2.650 kg	3.000 kg	3.950 kg

