

Container Air Box



The Air Box are aeration and drying tanks for cereals and seeds

- Ventilation and drying with less pressure loss
- Storing of grain and seeds + ventilating/drying = 1 operation
- Perfect for small and medium quantities
- Made of galvanized steel sheet
- Integrated hopper for ventilation
- Perforation of the hopper – different possibilities for different grains
- 2 boxes 1m³ are stackable on top of each other at simultaneous ventilation
- Possibility to transport and discharge with a forklift

4 different sizes are available:

- Air Box 1,0 m³ - Dimensions 1152x1152x1245 mm (LxWxH) – Weight: 160 kg
Article 4009099015997
- Air Box 0,7 m³ - Dimensions 1152x1152x1240 mm (LxWxH) – Weight: 166 kg
Article 4009099016018
- Air Box 2,3 m³ - Dimensions 1538 x 1538 x 1546 mm (LxWxH) – Weight: 240 kg
Article 4009099016020
- Air Box 3,2 m³ - Dimensions 1538 x 1538 x 1975 mm (LxWxH) – Weight: 280 kg
Article 4009099016021

What material would you like to store/ ventilate/dry?

Air Box can be used for storing all types of grain or non agglomerating bulk goods.

Operating - Reminder :

- Grains must have been cleaned before storing.
- This Air Box has been developed to store non-agglomerating bulk grains with a maximum density of 750 kg/m³.

Density by product :

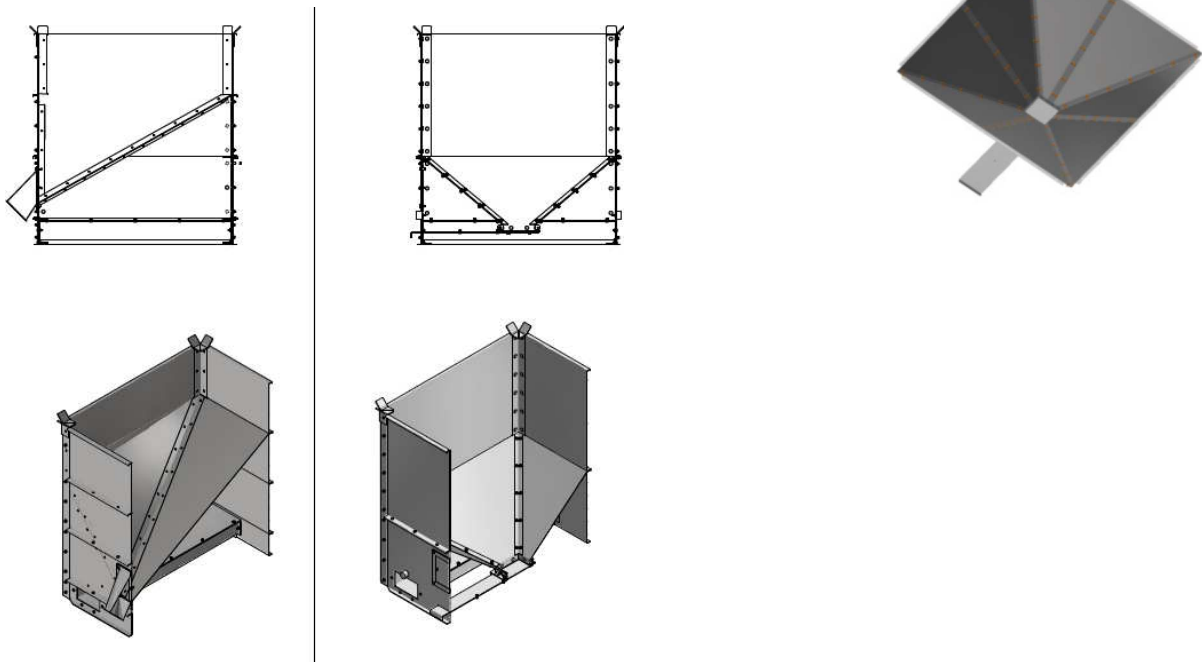
Material	Density kg/m ³	Material	Density kg/m ³
barley	690	Wheat	750
Sunflower seeds	400	Soya beans	620
Soja beans	470	rye	680
Rape	560	Maize	400
Peeled maize	720	Hop	560
Bulk oats	500	Rolled oat	300
Wood chips	160	Wet sand	2100
Wood waste	170	Ballast	1500

Grain moisture must not exceed 18% before drying operation and should be 14-15% after drying operation.

Which hopper should be used ?

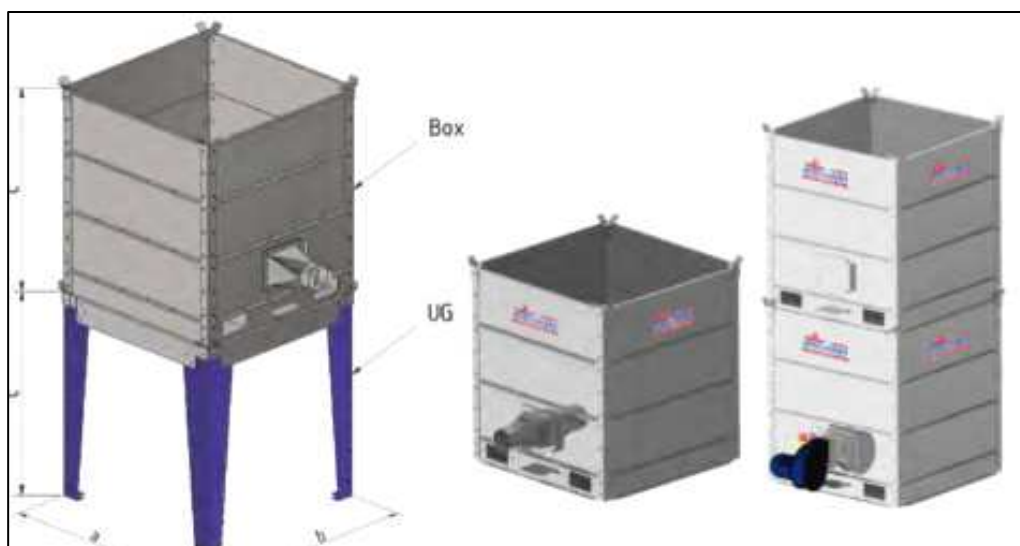
2 types of hopper : with centric or diagonal discharge

Advantage : the right direction of the grain flow



Available perforation types :

- Steel mesh for all grains from 0,8 mm (only for small Air Box 1m³ and 0,7m³)
- Perforated hopper- perforation Ø1.5mm (for all Air Box)
- Non-perforated sheet for storing (for all Air Box)



Which fan should I use ?

- LC1,1 (2000 m³/h) for all grains and beans – Article 4009029015736
- LC1,5 (2500 m³/h) for all grains depending on moisture level – Article 4009029015778
- LC2,2 (3000 m³/h) Example : for rape – Article 4009029015779

The type of fan will be confirmed depending on moisture and temperature of grain.

Transitions Air Box to fans

- For fan LC1,1 : Article 4009023015748
- For fan LC 1,5 : Article 4009023015749
- For fan LC 2,2 : Article 4009023015750



Moving :

- Air Box can be moved using a forklift but not with a 1,8T pallet truck

Options :

- Delivery : assembled or in parts
- Cover on request
- Pre-heater - Article 4015004015708
To save time in drying (env + 12°C) – Air Flow : 700m³/h
- Big Bag brackets– Article 4009082015721 for easy emptying

