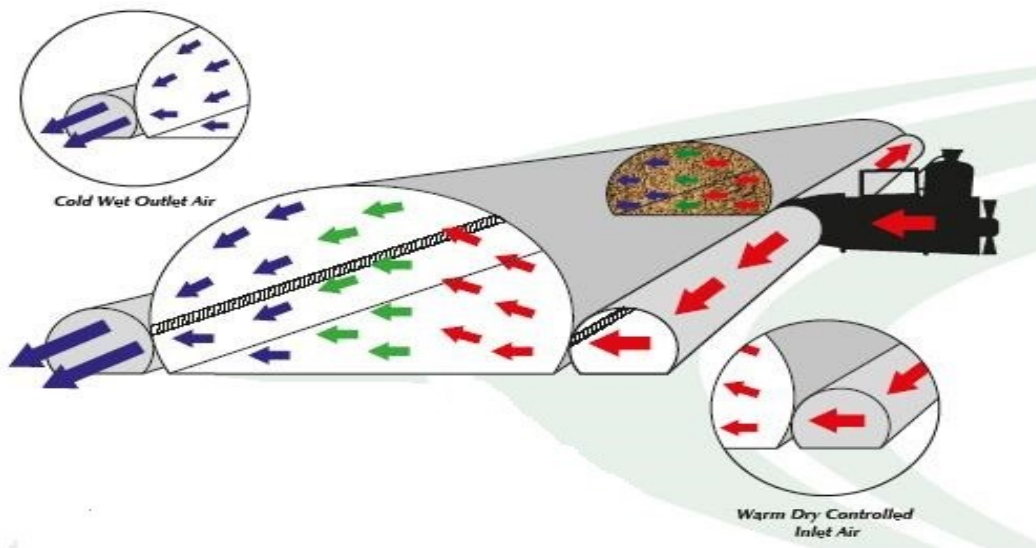


DryloBag

- The Drylobag is a grain preservation system that aids in drying, aerating and long-term grain storage
- Easy & fast to assembly and a fraction of the cost of traditional bins.
- Consists of a plastic polyethylene bag that will hold up to 200T grain.
- Manufactured with airport pipes into which air is pumped and regulated A standard bagging machine is used to fill the bags.
- The structure is sealed and grains are dried by using an aeration control system
- A fan pumps controlled air into the airport pipes and is evenly distributed through the grain to absorb moisture.
- Moist air escapes through the outlet pipe on the opposite side of the main poly bag.
- Once dried, the system doubles as a storage unit.
- Grain can be stored up to 18 months.



Filling with a standard bagging machine



Aeration Drying with fan



Grain Bag Storage

DryloBag
International

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Frequently asked questions on the Dryobags, Fans and Supplement Heaters

Q: What materials are used in the bags?

A: Specially designed 240 micron 3 layer plastic polyethylene bag

Q: What sizes are available?

A: 9 Ft. Bag (2.8meters in diameter, 60 meters long)

Holds +/-200 tonnes (Wheat) (+/- 7300 Bu.) (approx. cost: \$0.25/bu)

10 Ft. Bag (3.5 meters in diameter, 60 meters long)

Holds +/- 228 tonnes (Wheat) (+/-8400Bus.) (approx. cost: \$0.23/bu)

Q: How many cubic feet of air per minute (cfm) per bushel does the drying fan deliver?

A: 9550 cfm in total thus giving you 1.36 cfm per bushel of wheat.

Q: How much heat rise in the air stream will the engine produce?

A: Diesel engine +/- 3° C and gasoline Engine +/- 6° C

Q: How many degrees of heat rise can the supplement heater produce in the air stream?

A: 10 - 11° C

Q: How many points of moisture can be removed from cereals (wheat, barley) in 24 hours when outdoor temperature is 10 – 15 degrees C.?

a) – fan & heat rise off of motor

A: 0.6 – 0.8 % mc

b) – fan & heat rise off of engine with supplement heat:

A: 0.9 – 1.2 % but it is dependent on humidity in the air as well, will be slower drying if ambient humidity is 80% than ambient humidity is 50%

Q: Does the supplement heater vary in temperature automatically to maintain relative humidity, or does it only produce a constant heat?

A: Produces a constant Heat but can be set to run all the time for faster drying or run only when humidity is too high for efficient drying

Q: Will the fan and heater function automatically- eg: turn on/off automatically under specific conditions?

A: Yes, it can be set to the need of the farmer fast drying or slow, low energy input drying.



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