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RR SERIES RECYCLING DRYER



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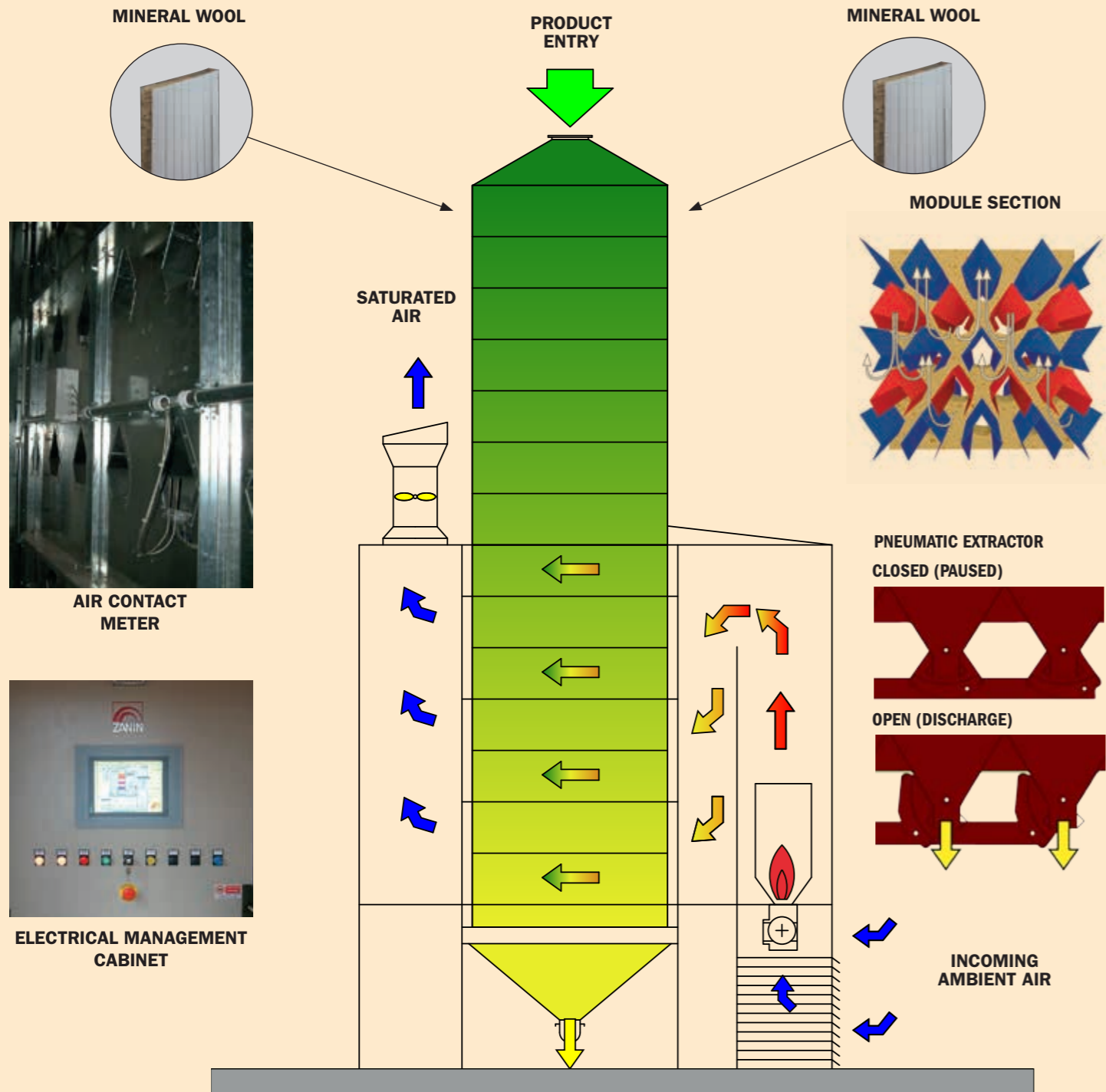
RESELLER

RR SERIES RECYCLING DRYER FOR RAW RICE

OPERATION

The drying column is formed by a high capacity recovery hopper and by a number of modules with internal conical ducts immersed in the grain, which descends by way of gravity in a zigzag movement. The grain encounters a counter current of hot air in the lower zone, which is then released into the atmosphere. The quantity of grain released is pre-determined and regulated by a pneumatic extractor. The product is then collected in a discharge hopper where it can be recycled or unloaded.

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COMPONENTS

AIR DUCT

The sandwich panels that form the air chambers are made from mineral wool both in the hot air component and in the cool air component. This avoids the formation of condensation and mulch inside the chamber. The walls are smooth both inside and out. The versions are: Aluzinc - Galvanized - Painted various colors - Aluminum - stainless steel 304 The inside of the dryer is built to allow for additional reinforcement columns and balconies with a rung ladder for maintenance access.

VENTILATORS

For maximum attention to detail, the depression system is the most suitable for drying due to its dust containment capabilities. Every dryer is equipped with a fan or fans with fixed or variable axial blades, which have various diameters to fully exploit the machine's performance while consuming less energy. ZANIN F.lli makes use of technologically advanced brands in the European ventilation sector to optimise their own products.

HOT AIR GENERATORS

Heating groups used for drying:

- by direct flame
- by indirect flame
- by diathermic oil or steam cells

The fuels:

- Methane gas
- LPG
- Diesel
- Dense oil, vegetable oil or by-products
- Biomass

The burners:

- pressurized
- in the air stream
- specially designed for various types of fuel

ELECTRICAL CABINET

The dryer has electronic equipment which facilitates the management of the dryer. The electronic system manages product humidity with an air gauge.

| MODEL | CONTENTS | | WIDTH m | LENGHT m | HEIGHT m |
|-------------|---------------------|---------------|------------|-------------|-------------|
| | tot. m ³ | t (S.W. 0,55) | | | |
| E2 6-4 RR | 20,6 | 11,3 | 2,65 | 5,56 | 7 |
| E2 12-9 RR | 43,6 | 24,0 | 2,65 | 5,56 | 12,5 |
| E4 12-9 RR | 70,7 | 38,9 | 4,25 | 6,35 | 12,5 |
| E4 18-14 RR | 108,0 | 59,4 | 4,25 | 6,35 | 18 |
| E6 12-9 RR | 102,7 | 56,5 | 6,2 | 7,8 | 12,5 |
| E6 18-14 RR | 156,9 | 86,3 | 6,2 | 7,8 | 18 |

Supplied data have a tolerance of +/- and have been calculated under the following conditions:
 - ready and cleaned seeds, dried by 24h
 - Dryer supplied with natural gas
 Please consult in every case technical scheme.



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N.B.
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