

dalsem airhandling



PHASE I Air handling systems

- Spigot floor systems
- Fans and plenum ducts
- Exhaust and air filtration
- Full indoor ventilation

Specifications:

- Pressure from 3500 Pa till 8000 Pa
- Air volumes from 10 till 20m³/ton
- Plenum ducts: available in PE, PP, SS or aluminum
- PVC pipes in the floor come predrilled for the spigots

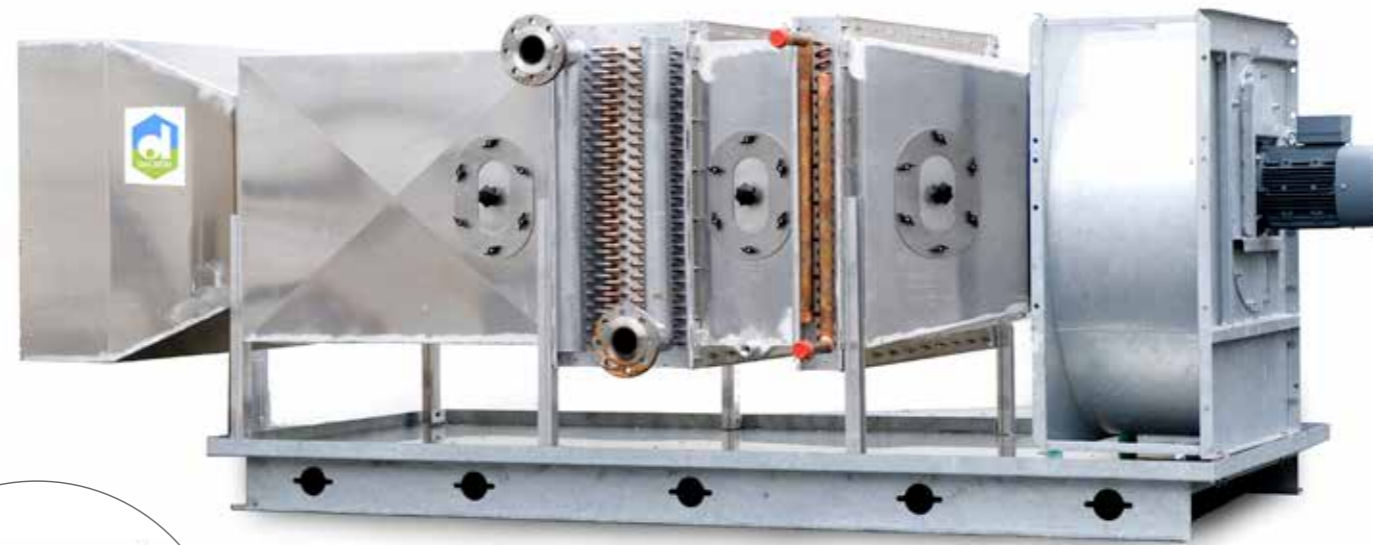
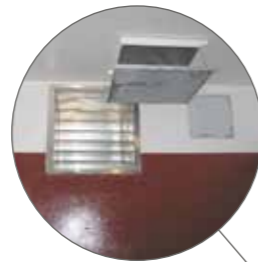


PHASE II/III Air handling systems

- Spigot floor systems
- Concrete grid floor systems
- Air handling units
- Integrated exhaust with a two position damper
- Central exhaust overpressure ducts and shutters
- Overpressure ducts and shutters
- Overpressure units for spawn halls
- Dedicated cooling systems for phase III

Specifications:

- Pressure from 3500 Pa till 5000 Pa for spigot floors
- Pressure from 2500 Pa till 4000 Pa for grid floors
- Air volumes from 200 till 250m³/ton
- Ductwork: available in aluminum or stainless steel
- Cooling coils: aluminium frames and fins, copper tubes
- Filters available in EU7 or EU9

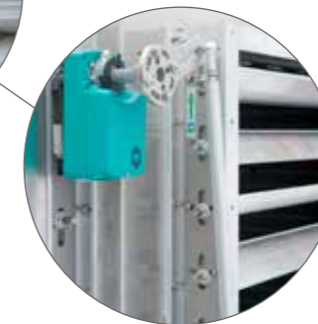
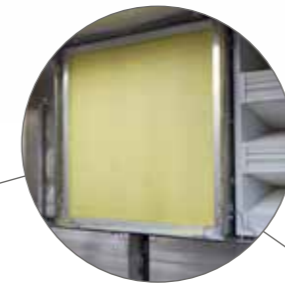
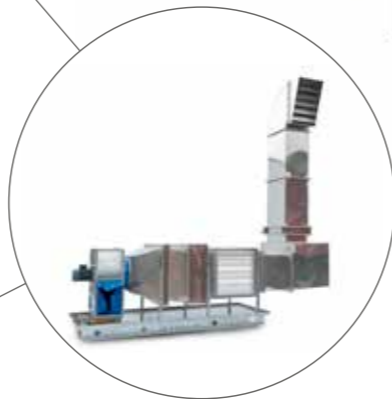


Growing rooms Air handling systems

- Individual air handling units
- Central preconditioning units
- Central duct
- Air splitter and air distribution inside the room
- Overpressure ducts and shutters
- Cooling, heating and steam systems

Specifications:

- Pressure from 600 Pa till 900 Pa
- Air volumes from 22.5 till 25m³/m² growing surface
- Ductwork: available in aluminum or stainless steel
- Cooling and heating coils: aluminum frames and fins, copper tubes
- Filters available in EU7 or EU9



development headlines



Looking closely at your climatical and compost volume situation, Dalsem strives to design and develop air handling systems which serve your purpose by using the highest standard materials but also being most energy efficient.

unique selling points

- Growing room air handling units come preassembled on a frame
- Specifically designed to your climatical and compost volume situation
- Various custom made solutions available
- Flexible design
- Various proven solutions all over the world in any climate



DALSEM MUSHROOM PROJECT LOCATIONS



dalsem airhandling



The art of growing. That's what it's all about in the mushroom industry. Dalsem Mushroom Projects BV designs, builds and supplies all equipment and systems you require to set up this specialized growing process. For this purpose, we use innovative technologies and high-quality materials, customised down to the smallest detail to suit your wishes and local climate situation. It's therefore no surprise that compost yards and/or mushroom farms all over the world have been gratefully using our products and services for many years.

Dalsem Mushroom Projects BV is part of the Dalsem group, an organisation which is worldwide one of the leaders in the realisation of horticultural and mushroom projects. A family-based company, established in 1932 with it's head office located in Den Hoorn, in the famous agricultural region of 'Westland' near Rotterdam.



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“When your situation needs a unique design”



**DALSEM
MUSHROOM
PROJECTS BV**

Dalsem manufactures and supplies unique air handling systems for the mushroom industry. With many years of experience and very specific cost effective production technology, our air handling systems are specifically designed to your climatical and compost volume situation. Available for phase I, phase II/III and growing rooms, Dalsem is in the unique position to supply air handling systems according the highest standards and against most competitive prices.



The art of development