

Hybrid Cooling Ceiling A11^{Hybrid} - construction



Hybrid Cooling Ceiling A11^{Hybrid} with Tape Grid Model

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**Hybrid ducts in ceiling cavity
Arranged to window**

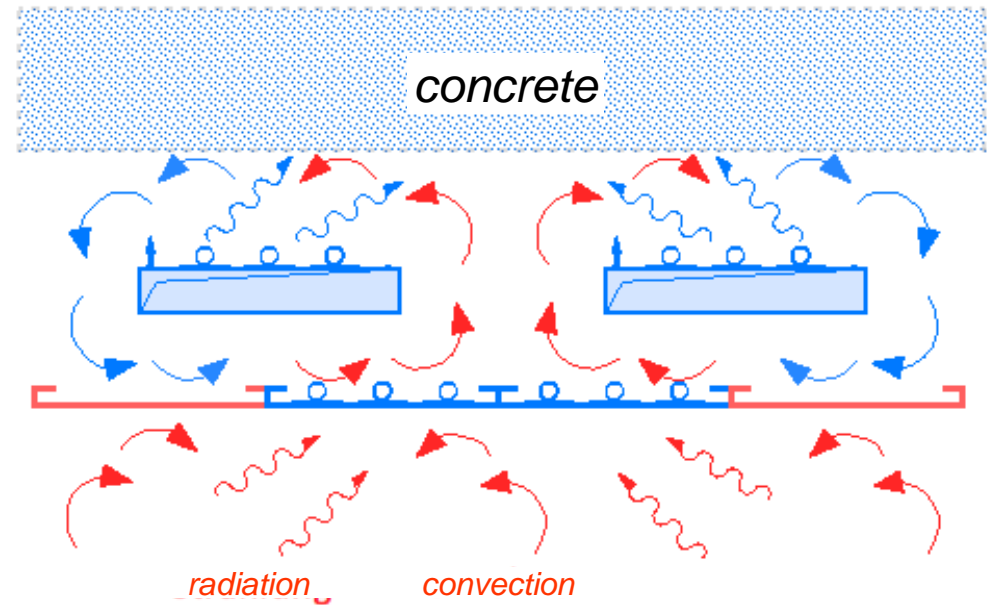


**The surface of the hybrid
Ducts are activated with
Copper Tube Meander**

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Hybrid ducts above the Ceiling panels, lowered panel



projects

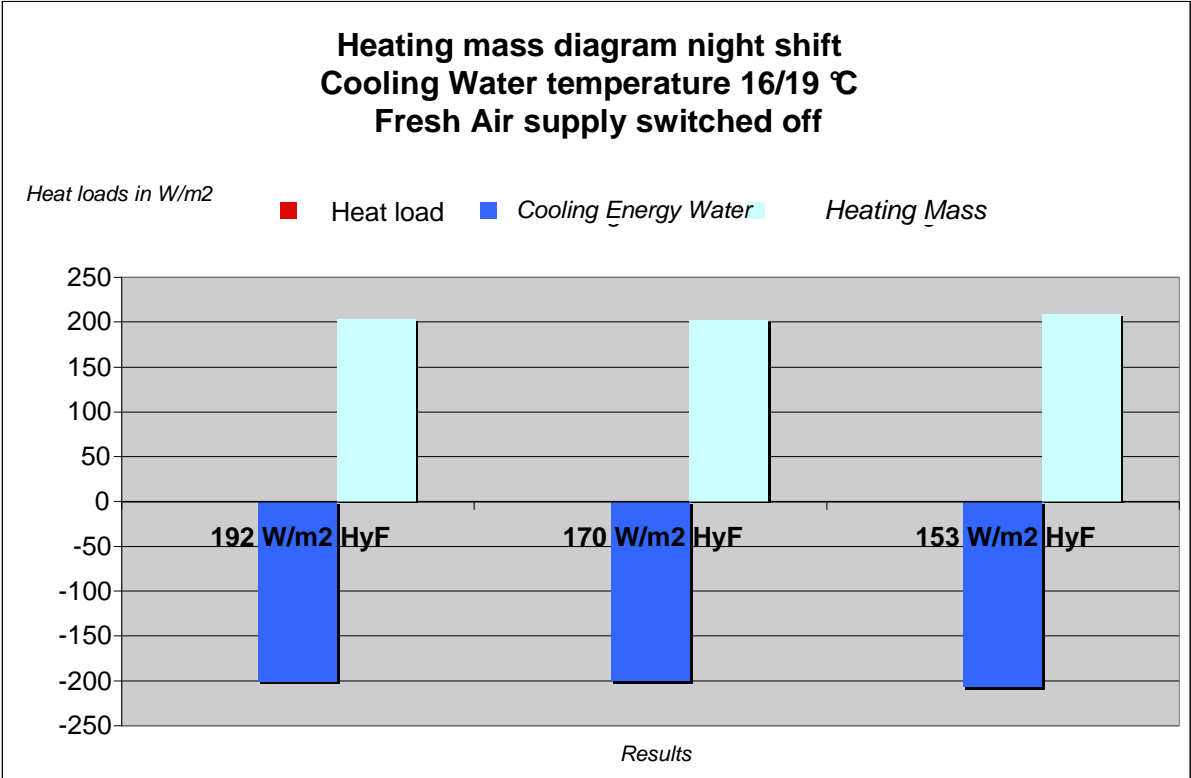
Opernturm, Frankfurt
41'000m² activated surface



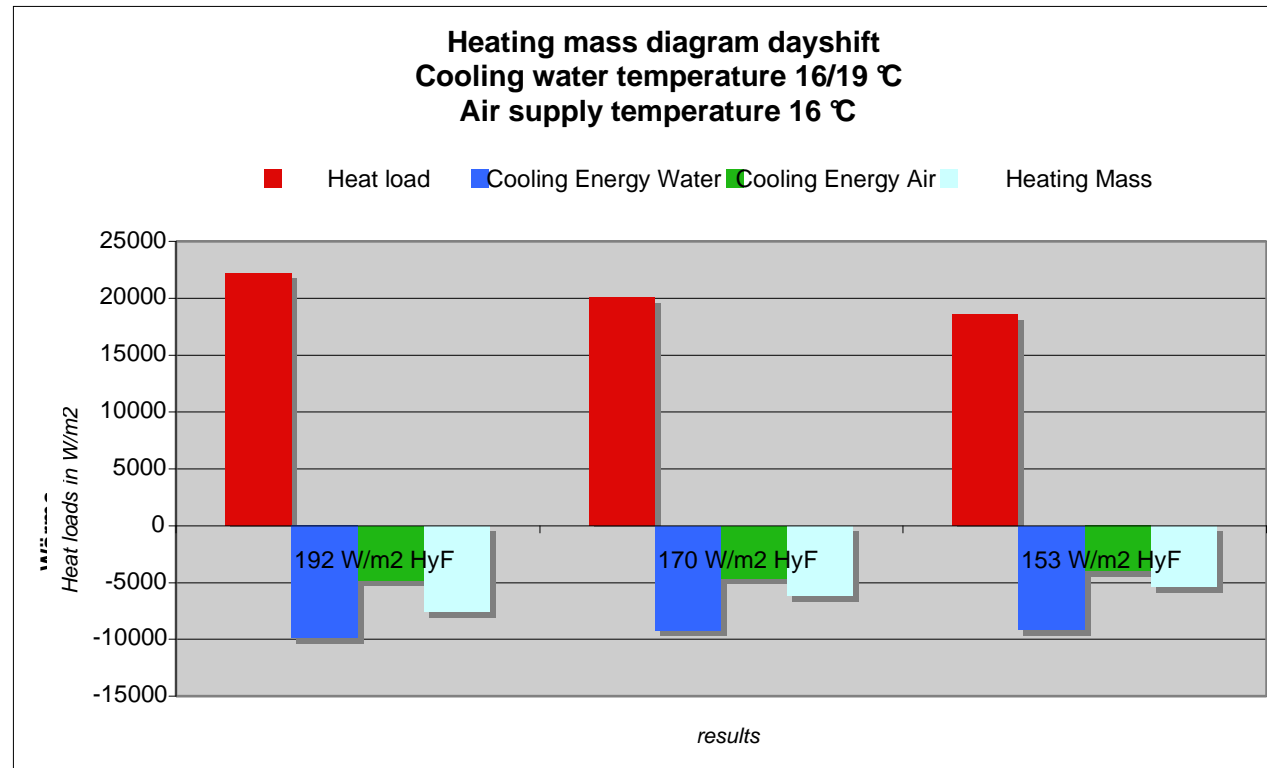
Credit Suisse SIHLCITY, Zürich
15'000m² activated surface



Hybrid Cooling Ceiling A11^{Hybrid} - Summary



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Different system: component activation

TABS

Performance up to 40 W/m²



U45Hybrid

Performance up to 80 W/m²



A11Hybrid

Performance up to 160 W/m²

