



The LTG cool wave[®]



***A new dimension in
room cooling***



A room cooling

Model range

Three versions (all ceiling mounted) are available to meet individual room requirements, i. e.

- Suspended, for high rooms or areas without false ceiling.



Example of usage: Office



2 Example of usage: Foyer



LTG
cool wave®
is available
in any color.



system with new features in function, design

Model range

- Semi-recessed for shallow void ceilings.



Example of usage: Office



Example of usage: Conference Room



◀ One of many color versions.

**cool
wave**®

gn and versatility

Model range

- Recessed, for reticular, panel, long-segment or plaster ceilings.

Example of usage: Conference Room



Example of usage: Foyer



Example of a version with integrated lighting.

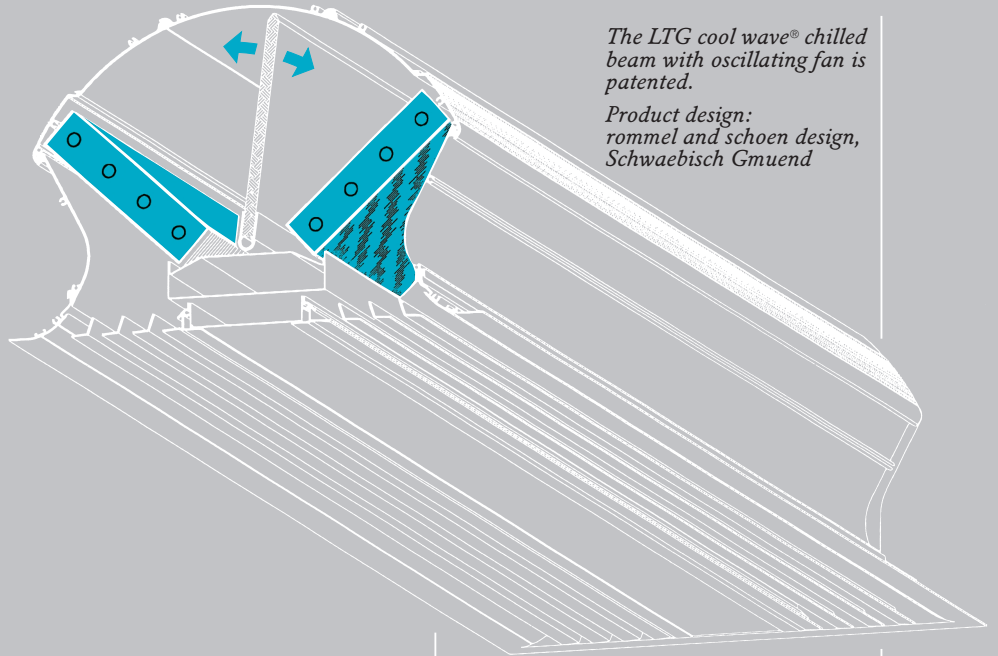


Example of a version with suspended lighting.

cool wave®

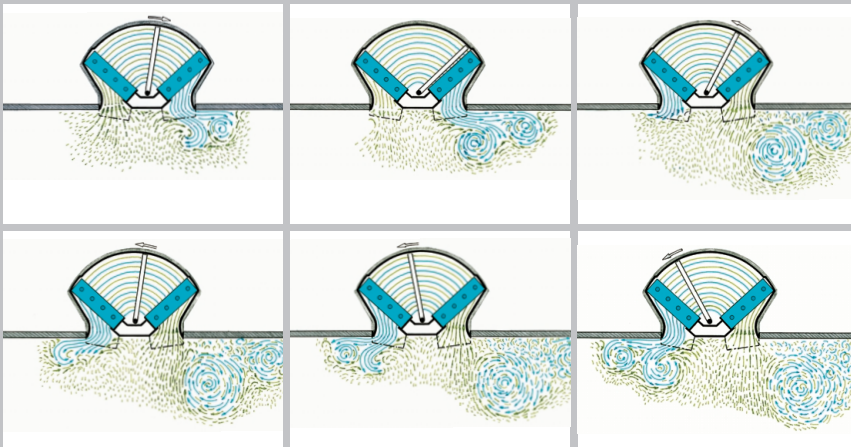
Method of operation

The LTG cool wave® chilled beam with oscillating fan is a compact, ceiling mounted unit which cools the air by convection. A fan, oscillating between two heat exchangers, generates pulsating streams of cool air. The resulting eddies rapidly decay, giving rise to a gentle, uniform flow of cooling air throughout the entire room.



The LTG cool wave® chilled beam with oscillating fan is patented.

Product design: rommel and schoen design, Schwaebisch Gmuend



Operating principle: Oscillating fan, pulsating air streams, rapidly decaying eddies.

Advantages

Adaptability

cool wave® diffusers offer previously unknown design possibilities in their adaptability to a wide range of ceiling layouts, lighting systems, etc.

High comfort

Provides a stable, comfortable environment with maximum flexibility of unit positioning.

Cleanliness and Sanitation

Thanks to an operation free of condensation, the highest sanitation requirements are met.

Quiet operation

Suitable for use even in a sound studio.

Minimum space requirements

Compact units, high cooling performance, can be used almost anywhere.

Straightforward, low-cost installation in new and existing buildings

Rapid installation minimizes losses through operating stoppages. Ready-to-use, plug-in electrical connections.

Low operating costs

Minimal electricity consumption.

Flexibility of unit positioning

Air flow pattern virtually unaffected by the ceiling, walls or thermal currents.

Ease of control

Straightforward ON/OFF operation.

Effective noise insulation

Conversation can be carried on at normal voice levels, permitting room layouts to be changed without restrictions.

Applications

cool wave® ventilators, which are easy to install in new and existing buildings alike, are particularly suitable for offices, conference rooms, hotel rooms, reception areas, sound studios, showrooms, exhibition rooms, laboratories, factories, etc.