

look much like a naturally occurring ridge.

A winter wonderland

The main purpose of the Ski Tunnel is to provide facilities for cross country skiing for both competitors and fitness trainers when there is no snow outdoors. The tunnel is also ideal for testing cold-weather phenomena and equipment in winter conditions. For companies whose operations and products are connected to winter, including manufacturers of clothing, skis and ski waxes, for example, it is an excellent facility for product development and testing. Other activities include medical studies connected to exertion asthma or exposure to cold, as well as industrial tests (of car tires, for example).

Tourists are another target group. Mr. Sarparanta has been gratified by the international interest in the tunnel, which has attracted some 20,000 visitors from 40 countries. He expects to see more ski tunnels in future. "After all," he says, "they are based on the same principle as indoor swimming pools."

Vesa-Pekka Sarparanta has a strong background in both engineering and Finland's sports scene, as well as a fascination with new ideas. In the past, he was head trainer for Finland's cross country skiing team and director of the Vuokatti Ski Training Center, which has been in existence for 50 years and is Finland's third largest sports center.

"Vaisala has long experience in measurement techniques and strong know-how – their transmitters have been a reliable choice for us," says Mr. Sarparanta summing up his experience with Vaisala. ■

GML20T and GMD20D

New CO₂ Products Complement the GM20 Series

Two new products have been added to Vaisala's carbon dioxide CARBOCAP® transmitter series. When installed in the GMW21 transmitter, the new GML20T module makes it possible to measure temperature in addition to carbon dioxide levels. Like the previously launched GML20 module, the GML20T is also compatible with LonWorks®.



The GML20T module, which is installed inside the GMW21 transmitter, enables carbon dioxide and temperature measurements.

The GMD20D is a display version of the GMD20 duct mount carbon dioxide transmitter. In Vaisala's duct mount transmitters, the sensor head is inside the ventilation duct. The display cover is especially useful for special applications and during calibration checks, for example. GMD20/D transmitters are small in size, and they offer outstanding performance and versatility.

The GM20 series of carbon dioxide transmitters is known for its superior stability. Combined with the interoperability of LonWorks®, the result is a cost-effective, flexible and reliable solution for building automation systems. ■



The duct mountable transmitter GMD20D with a digital display.