

# ESSENTIA HEALTH

[view](#)

## Application range

Hospitals

## Type

Reference

Essentia Health is an integrated health system network of physicians, healthcare providers, hospitals and clinics in Minnesota, North Dakota, Wisconsin and Idaho, headquartered in Duluth, MN. The organization offers its service 18 hospitals, 68 clinics, eight long-term care facilities, two assisted living facilities, four independent living facilities and one research institute. Some buildings, e.g. the new Essentia Health-Lakeside Clinic or Essentia Health-Duluth Clinic 1st Street, were recognized for their sustainable materials and design and are LEED® certified.

In this project, TROX USA provided Displacement Flow Diffusers type QLWV and QLWH. The TROX displacement diffusers are offered with more than 20 standard versions in a variety of shapes, allowing the architects more flexibility and effective integration into interior design. Optimum comfort conditions combined with excellent acoustics makes the TROX displacement flow diffusers the ideal solution for meeting the highest standards in comfort for patient rooms.

TROX displacement flow diffusers have been developed specially for air supply in displacement flow ventilation systems. TROX displacement flow diffusers are used where good ventilation efficiency is very important, i.e. the lowest possible pollutant contamination in combination with optimum thermal comfort in occupied spaces. They are maintenance-free because they do not use filter material and, when meeting the performance requirements, can help to contribute toward earning points for a LEED® certification.

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