



Project Reference

Floyd Memorial Hospital - Albany, USA

Danfoss GX snow-melting system helps to save lives!

General Information

Danfoss company:
Danfoss Inc.,
Floor Heating Electric
North America

Danfoss contact person:
Aneta Stephens,
Marketing Manager

Project name and place:
Floyd Memorial Hospital,
Albany, IN

Purpose of the Danfoss system:
Snow-melting system for ambulance
entrance point

Project size:
1350 sq. ft.

Products:
GX heating mats 240V

Completion:
05/2006

Client:
Floyd Memorial Hospital

Builder/Electrical contractor:
Marine Electric, Louisville, KY

Comments:

One of the first snow-melting in ASPHALT applications in North America: Danfoss' GX heating cable was put to a test resulting in a tremendous success for Danfoss, our satisfied customer, and many grateful patients at the Floyd Memorial hospital in Albany! Our Danfoss GX system will help to save lives for many years to come!

Technical Data:

Ohm readings during installation/GX snow-melting mats*:

*With an amp-probe temperature meter

Before	During:	After:
088L3209 19.5 - 19.8	088L3209 22.1 - 23.1	088L3209 19.5 - 19.9
088L3214 10.3	088L3214 11.3	088L3214 10.4

Observation: After the asphalt was rolled and cooled, the readings were the same as original.

Asphalt temperature readings during installation*:

*With an amp-probe temperature meter

Temperature Reading	Installation stage
300°F (149°C)	Asphalt delivered to job site/trransfered into paver machine
250°F (121°C)	By time it gets dropped on the cables
210°F (99°C)	After 1 minute
200°F (93°C)	After 2 minutes
180°F (82°C)	After 4 minutes
150°F (65.5°C)	After 6 minutes
120°F (49°C)	After 15 minutes

Observations: The GX components are made with durable materials that can withstand harshest job-site conditions (high temperature in this case).

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