



LEED certification

Danfoss Flomatic Valve Products will help to get credits for LEED certification

Danfoss Flomatic Corporation has several valve products that help in designing and construction of “GREEN” LEED certified buildings. Below is a listing of products and applications:

Sustainable Sites

Credit 5.2: Reduce Site Disturbance: Maximize Open Space

Intent: Preserve a high open space ratio to promote biodiversity and allow damaged areas to restore.

Danfoss Flomatic Corporation backflow preventers offer a smaller footprint and provide more open space to allow the natural habitat to excel.

Danfoss Flomatic Products:

- Double Check Valves – DCVE, DCV
- Reduce Pressure Zone Assemblies – RPZE II, RPZE, RPZESA, RPZ
- Dual Check Valves – B8080, B8080E
- Vacuum Breakers – AVB



Water Efficiency Landscaping

Credit 1.1: Water Use Reduction: 50% Reduction

Intent: Limit or eliminate the use of water to reduce the burden on public water supply.

Danfoss Flomatic Corporation pressure reducing valves reduce the pressure in they system and thus reducing the amount of water used. The higher the pressure is in the system the more water is used and wasted.

Danfoss Flomatic Products:

- Pressure Reducing Valves – C150E
- Pilot Operated Automatic Control Valves (Globe) – C101, CF101, CA101
- Double Check Valves – DCVE, DCV
- Reduce Pressure Zone Assemblies – RPZE II, RPZE, RPZ
- Dual Check Valves – B8080, B8080E
- Vacuum Breakers – AVB



Materials & Resources

Credit 2.1: Construction Waste Management: Divert 50% from landfill

Intent: Divert construction, demolition and land clearing debris from landfill disposal. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable material to appropriate sites.

Danfoss Flomatic Corporation products are made up of either recyclable material or material that can be recycled. Including unleaded bronze, ductile iron, plastic, stainless steel, etc.

Danfoss Flomatic Corporation packaging is made from corrugated post consumer card board. Corrugated cardboard uses about 75% less energy used in the manufacturing of cardboard made from virgin pulp.

Danfoss Flomatic Products:

- All of Danfoss Flomatic products

FLOMATIC® VALVES

Indoor Environmental Quality

Credit 4.2: Low Emitting Materials: Paints and Coatings

Intent: Reduce the quality of indoor air contaminates.

Danfoss Flomatic products use durable blue or red fusion epoxy coating anti-rust and anti-corrosive coating on all ductile iron backflows, ACV Valves and ductile iron check valves.

Danfoss Flomatic Products:

- Pilot Operated Automatic Control Valves (Globe) – all models
- Double Check Valves – DCV
- Reduce Pressure Zone Assemblies – RPZ
- Check Valves – 80DI, 92/90, 92/90LS, 92/90LW, 92/90CS, 745, 78, 78A, 402BT/402BTR, 888/888R, 848/895, 508, 408, 208, 208B, Kwik-Close, Azure, Sylax
- Butterfly Valves Kwik – Close, Azure, Sylax – Series 6000, Series C504, Series 149G
- Gate Valve – 115FL, 115PO, 115MJ, 109OSY, 109NRS, 109G, 109FG



Regional Materials

Credit 5.1: 10% Extracted, Processed & Manufactured Regionally

Credit 5.2: 20% Extracted, Processed & Manufactured Regionally

Intent: Increase demand for building material and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Potential Product Application:

All Danfoss Flomatic products that will be used within a 500 mile radius from the manufacturing facility in Glens Falls, NY.



REV: 061907

What is LEED ?

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. LEED gives building owners and operators the tools they need to have an immediate and measurable impact on their buildings' performance. LEED promotes a whole-building approach to sustainability by recognizing performance in five key areas of human and environmental health: sustainable site development, water savings, energy efficiency, materials selection, and indoor environmental quality. LEED provides a roadmap for measuring and documenting success for every building type and phase of a building lifecycle. For more information go to:

<http://www.usgbc.org/DisplayPage.aspx?CategoryID=19>

Why Certify?

LEED certification provides independent, third-party verification that a building project meets the highest performance standards. The [LEED plaque](#) is recognized nationwide as proof that a building is environmentally responsible, profitable, and a healthy place to live and work.

For more information go to: <http://www.usgbc.org/DisplayPage.aspx?CMSPageID=64&>

Who Can Use LEED?

Everyone: Architects, real estate professionals, facility managers, engineers, interior designers, landscape architects, construction managers, lenders, government officials...

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Page 4 of 4