



DADANCO[®]
A MESTEK COMPANY 

Accessories

*Options for Dadanco's
Family of Products*

...Breathing Life

Into Your Building...



Introduction:

DADANCO sells a combination of accessories and controls options for the product offering. These include grilles, air filters, coil modifications, installation kits, border and casing modifications, enclosures, integral electric heat, and both wired and wireless controls and sensors just to name a few. By factory mounting many of these systems it is possible for **DADANCO** to offer a plug and play product, which can offer reduced installation time and on-site labor. This leaflet presents a brief overview of some of the options that **DADANCO** provides. Not all of these controls and accessories are available for all products, please contact **DADANCO** for further details.

Integrated Sensors and Control Systems:

The sensors and controls that **DADANCO** supply are designed to offer easy installation, integration and communication with a new or existing BMS system. The **DADANCO** sensors and controls include, but are not limited to, the following:

- Thermostats (both programmable and non-programmable, wired and wireless)
- Sensors (wired and wireless)
 - Humidity and Dew Point
 - Condensation (pipe or coil mounted)
 - Drain Pan Mounted Water Sensor (wired only)
 - Occupancy
 - CO₂

***DADANCO** condensation monitors are used to sense the formation of condensation on chilled water pipes in critical locations. Typically these sensors are shipped loose and installed up stream of the units. Only one sensor would be required per thermal zone.*



Valve Packages:

DADANCO offers a wide range of valve packages, which can be supplied either loose or factory mounted. Motorized valves can be supplied with a wide range of actuators: including both modulating or floating, wired or wireless. Below is a list of some of the valve packages available.

- Circuit Setters
- Manual Isolation/Cut Off Valves
- **DADANCO** Sovereign 6-way Valves
- Motorized 2-way and 3-way Controls Valves
- Pressure Independent Valves
- Modulating Control Valves
- Spring Return Shutoff Valves

*The **DADANCO** Sovereign 6-way control valve eliminates the need for 4-pipe coil. This valve takes the place of a change over valve and enables the building to take advantage of the added capacity of a 2-pipe coil for both heating and cooling. The Sovereign valve is supplied with a modulating actuator for either a 2-10V or a 4-20ma control signal.*



Air Damper and Control Options:

In order to control the air flow rate **DADANCO** offers a number of control and balancing options. This includes manual, pressure independent or motorized dampers. Below is a list of some of the available damper options.

- External Manual Balancing Damper (not available on all units)
- Integral Hit & Miss Balancing Damper (Perimeter Induction Units only)
- Pressure Independent Regulating Damper (Constant Air Volume or CAR Damper)
- Motorized Damper

The Constant Air Regulator (CAR) works by modulating the orifice of its opening in response to duct pressure and requires no electric or pneumatic sensors or controls.



Grille, Enclosure and Border Options:

In order to best serve the market **DADANCO** products can be equipped with a number of accessories and options as listed below.

- Standard and Custom Enclosures for Perimeter Induction Units
- Custom Framing and Enclosures for Both Active and Passive Chilled Beams
- Coanda Wings for Exposed Mounted Active Chilled Beams
- Return and Supply Grilles for Active Chilled Beams
- Trim Kits for Dry Wall/Plaster Ceiling Installations
- Anti Ligature Security Grilles for Active Chilled Beams

The LVD Grille is available for use with the ACB30 and ACB35 Active Chilled Beams. This linear vane diffuser comes in a number of styles and can be supplied as both one and two way discharging. This grille can be installed so as to offer a continuous look within the space.

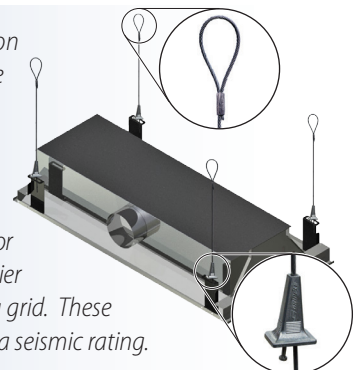


Miscellaneous Accessories:

Other accessories and options may be available upon request. Please contact **DADANCO** for more information.

- Air Vent/Bleed Valve
- Lint Screens
- MERVE 8 Filters (on HACB only)
- Flexible Hoses and Accessories Kits
- Integral Electric Heat (120VAC and 277VAC ETL Listed) with sensors and control package
- Integral Drain Pan (on applicable products)
- Metal Wire Cable Suspension Kit
- Sweat, Male NPT and Female NPT Pipe Connections

Metal wire cable suspension kits can be supplied for the installation of ceiling mounted chilled beams. These take the place of the threaded drop rods typically used and allow for faster installation and easier coordination to the ceiling grid. These can also be supplied with a seismic rating.



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Made in the USA



DADANCO products are
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