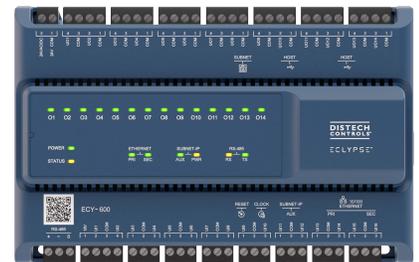




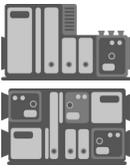
# Eclipse™ Equipment Series Controllers

A generation of Eclipse controllers that includes advanced features and added installation flexibility for your future Eclipse Facilities projects

- **Flexible.** Wider range of supported installation types to allow for easier installation and retrofitting:
  - Can be mounted **vertically and horizontally**, to allow for easier panel retrofits or when horizontal space is limited.
  - **Extended temperature range** of operation (-40 to 158°F (-40 to 70°C)) that will support installations in different equipment types.
  - Software Configurable I/Os reduce controller manipulation.
  - Optimum set of I/Os to control efficiently HPU, RTU, and AHU applications.
- **Designed for IoT.** Multiple networking options reduce installation costs and help with isolating networks.
- **Integrated LCD Screen.** An optional full-color backlit display with jog dial provides direct access to a wide range of controller functions.
- **Improved Fieldbus Integration.** More openness and flexibility towards fieldbus integration (licensed option for connectivity in Eclipse Facilities) on Eclipse controllers with an RS-485 port on more models.
- **Open.** Open platform for easy integration with 3<sup>rd</sup> party apps and systems.
- **Secure.** Cybersecure hardware that complies with the latest security standards for HVAC equipment controls.
- **Future-ready.** Powered by Eclipse Facilities.



# Extended Range of Applications

	Simple Equipment Control			Complex Equipment Control	
<b>Models</b>	 ECY-103	 ECY-203/253	 ECY-300/350 ECY 303	 ECY-400/450	 ECY-600/650 +ECY-IOM
<b>Applications</b>	  Fan Coil Unit Zone Control Application Dedicated Air System	  Heat Pump Unit Roof Top Unit	  Roof Top Unit Small Air Handling Unit	 Air Handling Unit	  Large Air Handling Unit Chiller / Boiler
<b>Onboard IO</b>	8	14	16 or 18	24	30 + Modules
<b>External HMI</b>	ECx-Display  Subnet			OR	ECLYPSE-Display  10"  15"  21"
<b>Fieldbus integration</b>					

## Model Selection (ECY-400 Series)

Example: ECY-450-C25

Series	Model	Connectivity
ECY-	<b>400:</b> 24-Points, 24VAC/DC Power Supply, 12 UI, 12 UO	-C0: default model if no connectivity is required -C1 .... C50: if connectivity is required (see table below)
	<b>450:</b> 24-Points, 24VAC/DC Power Supply, 12 UI, 12 UO, Color display	

## Model Selection (ECY-600 Series)

Example: ECY-650-C25

Series	Model	Connectivity
ECY-	<b>600:</b> 30-Points, 24VAC/DC Power Supply, 16 UI, 14 UO	-C0: default model if no connectivity is required -C1 .... C50: if connectivity is required (see table below)
	<b>650:</b> 30-Points, 24VAC/DC Power Supply, 16 UI, 14 UO, Color display	