DISTECH CONTROLS™

Product Comparison Chart

Configurable Controllers

EC-FCU-L: Fan Coil Unit
EC-RTU-L: Roof Top Unit
EC-HPU-L: Heat Pump Unit
EC-UV-L: Unit Ventilator

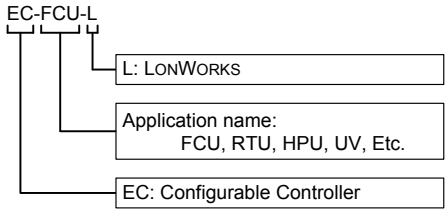
	EC-FCU-L	EC-RTU-L	EC-HPU-L	EC-UV-L
				
Inputs				
Universal (total)	6	6	6	6
Digital (dry contact)	■	■	■	■
Voltage (0-10V)	■	■	■	■
Current (4-20mA with ext. 249Ω)	■	■	■	■
Thermistor (10kΩ Type 2)	■	■	■	■
Thermistor (10kΩ Type 3)	■	■	■	■
Potentiometer (transtable)	■	■	■	■
Software configurable	■	■	■	■
Ability to use spare inputs	■	■	■	■
Analog/digital converter (bit)	12	12	12	12
Outputs				
Universal	2	2	2	2
Digital triac (24VAC)	5	5	5	5
Ability to use spare outputs (NVIs)	■	■	■	■
Output LED status indicators	■	■	■	■
Digital/analog converter (bit)	8	8	8	8
Power Input				
24VAC	■	■	■	■
Enclosure				
Fire-retardant plastic (UL 94-5VA)	■	■	■	■
Hardware				
LED transmit, receive, service, and power indicators	■	■	■	■
LON® network jack	■	■	■	■
Integrated DIN rail mounting (separable base plate)	■	■	■	■

	EC-FCU-L	EC-RTU-L	EC-HPU-L	EC-UV-L
				
Heating Output Configuration				
Local / primary stages Perimeter / secondary stages	3	4	4	4
Local proportional valve	■	■	■	■
Perimeter proportional valve	■	■	■	■
Local floating actuator valve	■	■	■	■
Perimeter floating actuator valve	■	■	■	■
Cooling Output Configuration				
Local / primary stages	3	4	4	4
Local proportional valve		■	■	■
Local floating actuator valve	■	■	■	■
Reversing valve (heat pump)	■	■	■	■
Heat pump condenser water pump			■	
Heating / Cooling Output Configuration				
Local proportional valve	■	■	■	■
Local floating actuator valve	■	■	■	■
Fan Control				
Speeds	3	1	3	3
Proportional fan drive	■	■	■	■
State input	■	■	■	■
Speed selector input	■		■	■
Damper Control				
Proportional fresh air / economizer		■		■
Floating fresh air / economizer		■		■
Bypass damper		■		
Humidification / Dehumidification				
On / off (2 positions)		■	■	■
Proportional valve		■	■	■

	EC-FCU-L	EC-RTU-L	EC-HPU-L	EC-UV-L
				
Temperature Input				
Space	■	■	■	■
Supply / discharge	■	■	■	■
Outdoor	■[1]	■	■	■
Water supply	■	■	■	■
Return air		■		■
Mixed air		■		■
Refrigerant			■	
Setpoint offset (relative)	■	■	■	■
Humidity				
Space		■	■	■
Outdoor		■		■
Enthalpy				
Space		■		■
Outdoor		■		■
Pressure Input				
Discharge air pressure		■		
Local air static pressure		■		
Refrigerant differential pressure (for defrost cycle)			■	
Contact Input				
Occupancy	■	■	■	■
Bypass	■	■	■	■
Window	■		■	■
Economizer enabled		■		■
Emergency		■	■	■
Coil frost			■	
Other				
Minimum fresh air enabled		■		■
Economizer enabled		■		■
HVAC mode selector	■	■	■	■
Demand control ventilation (CO_2 level)		■		■

1. Able to input outdoor temperature indirectly via network variable binding or by a turnaround binding.

Controller Naming Conventions:



Total Quality Commitment

All Distech Controls product lines are built to meet rigorous quality standards. Distech Controls is an ISO 9001 registered company.