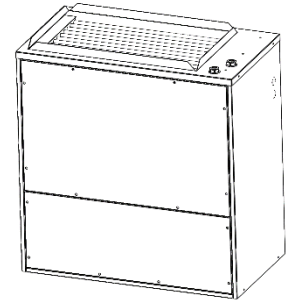


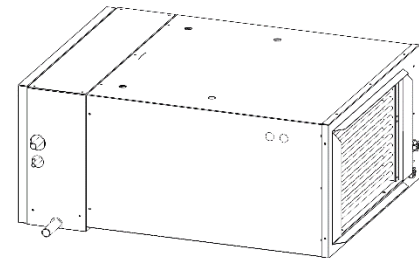
Ecologix ECL series air handlers

Ceiling mounted or shallow profile vertical mounting

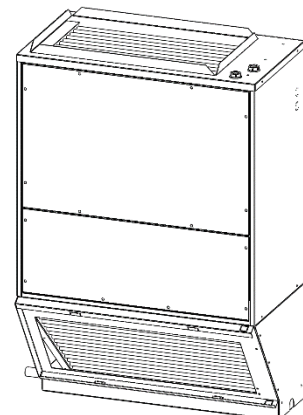
- High efficiency EC motorized blower, reverse inclined blades for maximum electrical savings.
- Cycle timer built in for exercising pump every 24 hours. Test button on circuit board allows fast verification of cycle timer function.
- Heating, cooling and continuous fan speeds are all independently and easily selectable using rotary switches for maximum flexibility.
- Compatible with all 24-volt heat/cool and heat pump thermostats.
- All 24V controls located inside electrical box, accessible through front cover.
- Microprocessor based design with advanced control logic.
- Push button connectors for thermostat wires for fast installation. High quality wire harnesses for quick servicing and component swap out.
- Lighted service area provides high visibility in poorly lit locations.
- LED indicators on all thermostat inputs and control outputs. LED status tables and trouble codes for easy diagnostics.
- Robust surge suppression for protection from lightning strikes.
- Heating coil comes standard with built in pump and check valve
- Unit can be ordered with 2-way or 3-way zone valve.
- Add-on cooling (sold separately) is easy with low profile solutions for AC and filter for either vertical or horizontal mounting. Hydronic coils are also available for add-on chilled water cooling.
- All service access is through front panels.
- G90 Galvanized steel cabinet for long life even in wet environments.



ECL wall mounted, bottom return,
No cooling coil



ECL ceiling mounted with
CR1420 cooling coil



ECL wall mounted with
CR1420-B cooling coil

Physical Properties

MODEL:	ECL33	ECL40
Dimensions (W x D x H) inches	25x26x14	25x26x14
Supply Air (WxD) inches	12"x20"	12"x20"
Return Air (WxD) inches	12"x23"	12"x23"
Filter Rack Size (WxD) inches	14"x25"	14"x25"
Water inlet and outlet	½"	½"
Shipping weight – pounds	60	68
Power (Volts/Phase/Hz)	115/1/60	115/1/60
Total Unit FLA	6.3	6.3
Minimum Ampacity	7.7	7.7
Max over current (fuse size) Amps	15	15

PERFORMANCE Specifications

MODEL:	ECL33	ECL40
Heating Capacity (Btu/h) 100F	14,000	17,000
Heating Capacity (Btu/h) 110F	18,600	22,700
Heating Capacity (Btu/h) 120F	23,200	28,200
Heating Capacity (Btu/h) 130F	27,900	33,800
Heating Capacity (Btu/h) 140F	33,000	39,800
Heating Capacity (Btu/h) 160F	42,900	51,800
Heating Capacity (Btu/h) 180F	52,700	63,500
Cooling Capacity – High (Tons)	1.5	1.5
Continuous run speeds - cfm	240-640	240-640
Heating Air flow speeds - cfm	640	640
Cooling air flow speeds – cfm	640	640
Circulator Pump Flow(GPM)	2.8	4.0
Maximum Airflow (CFM)	640	640
Max. Ext. Static Pressure (in.wc)	1.0	1.0

1. Heating capacities are based on 70F return air, high fan speed. For medium speed de-rate capacity by 20%. For low speed de-rate capacity by 40%
2. Air handler can deliver the programmed airflow at any static pressure below the maximum external static pressure. Allow 0.25 inches w.c. for external AC coil.