

Armarac® EcoSys

TECHNICAL SPECIFICATIONS

ITEM	DESCRIPTION
Included Parts	2140-701-D Master Control Board 2140-703-D Dual Fan Slave Board 2140-706-D Top Fan Slave Board 2140-707-D Elock Slave Board (optional) 2140-702-A 12V 5.4A DC 110/220V 50/60Hz AC Power Supply with C14 detachable power cord
Housing	All PCB's and sensors securely mounted internally within Armarac assembly
Indicators	Power (on); Ethernet (link); Door Unlock (signal)- optional; Heater/AUX Relay (on); Alarm (audible); Door Open/Work Light (LED)
Sensors	Temperature -inlet (1); Temperature -outlet (2); Humidity (1); Smoke (optional); Fan Speed (10); Door Position (2); E-Lock Position (2) (optional)
Connectors	Ethernet (1) 10/100 Base-T Ethernet RJ45 Port; Power (2) 12V 5.4A DC 2.5mm ID/5.5mm OD Socket; Heater/AUX Relay (1) 250V 12A Phoenix Connect MSTB 2.5/2-ST-5.08; Smoke (1) 2.54mm 4-pole header (optional); Door E-Lock (1) 250V 12A Phoenix Connect MSTB 2.5/6-ST-5.08 (optional); On-board battery (1) CR2032; Top Fan Slave (1) RJ45; Door Slave (2) RJ12; Door Position (2) 2.54mm 2-pole header; Door Lock (1) 3-pole 2.54mm header; E-Lock (2) Molex 6-POS 3mm Micro-Fit 3.0 2X3; Fan Control (10) 3-pole 2.54mm header
Factory Setting Connectors	Debug (1) 4-pole 2.54mm header; Flash (1) 6-pole 2.54mm header; Reset Button (1); Mode Switch (1) 8-way micro dip switch;
Protocols	DHCP; SNMP v1 v2; TCP/IP; SMTP; NTP; HTTP; DNS
Management Interface	Internet Explorer v8 or later; Mozilla 1.3 or later; Firefox 2.0 or later; Safari 5.0 or later SNMP v1 v2 Compliant Operations Software (requires firmware update)
Client System Requirements	Microsoft Windows 7 or later; MacOS X Mavericks or later; Red Hat EL4 or EL5
Operating Environment	Temperature: 0 - 45 C (32 - 113 F); Relative Humidity: 10-95% (non-condensing); For indoor use only, not designed for use in corrosive or caustic environments unless mounted inside -N4X models
Compliance	UL, C-UL, RoHS, CE, RMC, C-Tick
Aircon Ethernet Controller	Connection: Ethernet (1) 10/100 Base-T Ethernet RJ45 Port Protocols: DHCP; SNMP v1 v2; TCP/IP; SMTP; HTTP. (Optional) Dual AC systems can be configured as active/active for higher loads OR active/passive for redundancy. The active/passive configuration includes a heartbeat signal to ensure continuous operation; and a programmable runtime feature to balance the runtime across both units if desired.