

Controls

August - 2024



EDGE Ordering Instructions

EDGE Ordering Example #1: Two tunnel ventilated, 1,200 head swine wean-finish or feed-finish rooms.

Qty.	Part#	Description
1	EDG2-MC-2	EDGE 2 Main Controller w/2 Production Area License
1	E6PH-2-AAACC04	EDGE Pro 6 Slot 28I/36R/4V
1	EDG-127	EDGE Outside Temperature Probe Radiation Shield Assembly
8	PROBE-LED	Sensor, 30' High Speed LED for EDGE
9	EDG-120	Sensor Junction Box
6	102-00228	Capacitor for Loads Less Than 0.2A
6	3005-2130	Single Stage Thermostat
2	3025-0106	Water Meter, 3/4" x 3/4"
1	ONCS	Onsite Control Setup, On Farm Programming & Reprogramming of Controls by AP/Cumberland Staff

Expansion box includes relay, variable and input space for:

- | | |
|---|---|
| (8) – 24" Pit/Sidewall Fans (4 Variables) | (2) – Mists |
| (2) – 36" Tunnel Fans | (2) – Soaks |
| (8) – 54" Tunnel Fans | (2) – Lights/Night Lights |
| (2) – Inlet Actuators | (6) – Room Temperature Probes |
| (2) – Tunnel Curtain Actuators | (2) – Brooder Temperature Probes |
| (4) – Heat Stages | (1) – Outside Temperature Probe |
| (2) – Hi/Low Brooders | (2) – Water Meters |
| (4) – Spare Relays for Feed Motors, Additional Fans, etc. | (17) – Spare Inputs for Humidity Sensors, Additional Temperature Probes, etc. |

EDGE Ordering Example #2: Two house EDGE 2 system with main and redundant displays.

Qty.	Part#	Description
1	EDG2-MC-2	EDGE 2 Main Controller w/2 Production Area License
1	EDG2-MC-1	EDGE 2 Main Controller w/1 Production Area License
2	E6PH-2-AAAACH0	EDGE Pro 6 Slot 28I/46R/0V
15	PROB-E-LED	Sensor, 30' High Speed LED for EDGE
2	EDG-163	Humidity Sensor Kit
17	EDG-120	Sensor Junction Box
2	SP-121	Static Pressure Transmitter
4	3025-0106	Water Meter, 3/4" x 3/4"
2	EDG-OSB-6	EDGE 6-Switch Override Box
1	ONCS	Onsite Control Setup, On Farm Programming & Reprogramming of Controls by AP/Cumberland Staff

This includes one expansion box per house each with space for 46 relays, 28 inputs and 4 0-10V outputs.

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EDGE 2 Main Controllers

Part#	Description	Lbs.	Kgs.	Price
EDG2-MC-1	EDGE 2 Main Controller w/1 Production Area License	12.00	5.44	\$4,379.00
EDG2-MC-2	EDGE 2 Main Controller w/2 Production Area License	12.00	5.44	\$6,099.00
EDG2-MC-3	EDGE 2 Main Controller w/3 Production Area License	12.00	5.44	\$7,821.00
EDG2-MC-4	EDGE 2 Main Controller w/4 Production Area License	12.00	5.44	\$9,544.00
EDG2-MC-5	EDGE 2 Main Controller w/5 Production Area License	12.00	5.44	\$11,265.00
EDG2-MC-6	EDGE 2 Main Controller w/6 Production Area License	12.00	5.44	\$12,987.00
EDG2-MC-7	EDGE 2 Main Controller w/7 Production Area License	12.00	5.44	\$14,710.00
EDG2-MC-8	EDGE 2 Main Controller w/8 Production Area License	12.00	5.44	\$16,431.00

NOTE: Contact sales for pricing on EDGE 2 controllers with 9-64 room licenses.

NOTE: When using a system with a redundant controller, the main controller must have adequate licenses to service all rooms on site.

Example: A site with 10 rooms requires a main controller with 10 licenses (EDG2-MC-10) and a redundant controller with 1 license (EDG2-MC-1).

EDGE 2 Remote Display

Part#	Description	Lbs.	Kgs.	Price
EDG2-RD*	EDGE 2 Remote Display (Requires separate power supply)	12.00	5.44	\$4,222.00
EDG2-012	EDGE 2 Main Controller and Remote Display Power Supply	2.70	1.22	\$454.00

*(1) - EDG2-012 Power Supply required per EDGE 2 Remote Display.

NOTE: EDGE 2 Remote Displays are the same size as main controllers.

EDGE Room License Add-Ons

Part#	Description	Lbs.	Kgs.	Price
EDG-SW-P-1	EDGE Software License - 1 Room Add-On	0.00	0.00	\$1,693.00
EDG-SW-P-2	EDGE Software License - 2 Room Add-On	0.00	0.00	\$3,381.00
EDG-SW-P-3	EDGE Software License - 3 Room Add-On	0.00	0.00	\$5,070.00
EDG-SW-P-4	EDGE Software License - 4 Room Add-On	0.00	0.00	\$6,758.00
EDG-SW-P-5	EDGE Software License - 5 Room Add-On	0.00	0.00	\$8,447.00
EDG-SW-P-6	EDGE Software License - 6 Room Add-On	0.00	0.00	\$10,139.00
EDG-SW-P-7	EDGE Software License - 7 Room Add-On	0.00	0.00	\$11,825.00
EDG-SW-P-8	EDGE Software License - 8 Room Add-On	0.00	0.00	\$13,516.00

NOTE: Contact sales for pricing on 9-64 room license add-ons.

EDGE Programming

Part#	Description	Price
OFFCS	Offsite Control Setup, Remote Programming & Reprogramming of Controls by AP/Cumberland Staff	\$1,239.00
ONCS	Onsite Control Setup, On Farm Programming & Reprogramming of Controls by AP/Cumberland Staff	\$3,091.00

NOTE: Any EDGE Controller setup requiring assistance from Sales or Technical Support will be subject to the fees listed above.

Price is per controller for Offsite programming and per day for Onsite visit.

The charges above do not apply to Technical Service calls.



3 Slot Expansion Box



6 Slot Expansion Box

Expansion Box Part Numbering

EDGE Expansion

3: 3 Slots
6: 6 Slots

P: Pro

H: Heatsink
N: No Heatsink0: None
1 or 2: 120W Supply

0 : Empty Slot
 A: 4I/8R Card
 B: 4I/8R Card w/Pluggable Relays
 C: 8I/6R/4V Card
 D: 8I/6R/4V Card w/Pluggable Relays
 G: 4I/12V Card
 H: 4I/8R F Card
 I: 4I/8R F Card w/Pluggable Relays

0 - 4: Variable Outputs

E 6 P N - 2 - AAAACH 0

NOTE: EDGE control systems are very flexible and can be customized to fit most needs. Contact sales to request a system that meets your requirements

EDGE 3 Slot Expansion Boxes with Heatsink

Part#	Description	Lbs.	Kgs.	Price
E3PH-2-ACC4	EDGE Pro 3 Slot 20I/20R/4V	21.03	9.53	\$8,362.00
E3PH-2-AAC2	EDGE Pro 3 Slot 16I/22R/2V	18.02	8.17	\$7,387.00
E3PH-2-AAC4	EDGE Pro 3 Slot 16I/22R/4V	21.03	9.53	\$8,014.00
E3PH-2-AC02	EDGE Pro 3 Slot 12I/14R/2V	17.62	7.99	\$6,138.00
E3PH-2-AA00	EDGE Pro 3 Slot 8I/16R/0V	14.60	6.62	\$5,161.00
E3PH-2-CC04	EDGE Pro 3 Slot 16I/12R/4V	20.63	9.35	\$7,113.00

EDGE 6 Slot Expansion Boxes with Heatsink

Part#	Description	Lbs.	Kgs.	Price
E6PH-2-AAACC04	EDGE Pro 6 Slot 28I/36R/4V	25.83	11.71	\$11,150.00
E6PH-2-AAAACC4	EDGE Pro 6 Slot 32I/44R/4V	26.23	11.89	\$12,398.00
E6PH-2-AACC004	EDGE Pro 6 Slot 24I/28R/4V	25.43	11.53	\$9,902.00
E6PH-2-AAAACH0	EDGE Pro 6 Slot 28I/46R/0V	20.30	9.21	\$10,828.00
E6PH-2-AAAACC2	EDGE Pro 6 Slot 32I/44R/2V	23.22	10.53	\$11,771.00
E6PH-2-ACCCC04	EDGE Pro 6 Slot 36I/32R/4V	25.83	11.71	\$11,848.00
E6PH-2-AACCCC4	EDGE Pro 6 Slot 40I/40R/4V	26.23	11.89	\$13,097.00
E6PH-2-AAAACH2	EDGE Pro 6 Slot 28I/46R/2V	23.32	10.57	\$11,457.00

EDGE 3 Slot Expansion Boxes without Heatsink

Part#	Description	Lbs.	Kgs.	Price
E3PN-2-BB00	EDGE Pro 3 Slot 8I/16R/0V	13.10	5.94	\$5,442.00
E3PN-2-AAA0	EDGE Pro 3 Slot 12I/24R/0V	13.50	6.12	\$6,133.00
E3PN-2-AA00	EDGE Pro 3 Slot 8I/16R/0V	13.10	5.94	\$4,884.00
E3PN-2-AAH0	EDGE Pro 3 Slot 12I/24R/0V	13.60	6.17	\$6,167.00

NOTE: Heat sinks are required to operate variable relays.

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EDGE 6 Slot Expansion Boxes without Heatsink

Part#	Description	Lbs.	Kgs.	Price
E6PN-2-AAAACC0	EDGE Pro 6 Slot 32I/44R/0V	18.65	8.46	\$10,862.00
E6PN-2-AAAAC00	EDGE Pro 6 Slot 24I/38R/0V	18.25	8.28	\$9,265.00
E6PN-2-BBBBI0	EDGE Pro 6 Slot 8I/48R/0V	18.85	8.55	\$12,271.00
E6PN-2-AAACHH0	EDGE Pro 6 Slot 28I/46R/0V	18.90	8.57	\$10,585.00

NOTE: Heat sinks are required to operate variable relays.

EDGE Variable Output Modules

Part#	Description	Lbs.	Kgs.	Price
EDG-PWR2	EDGE Variable Output Module w/2 Outputs (4 kW)	7.50	3.40	\$1,241.00
EDG-PWR4	EDGE Variable Output Module w/4 Outputs (8 kW)	7.50	3.40	\$1,843.00

EDGE Communication and Power Wire

Part#	Color	AWG	Pairs	Length	Description	Lbs.	Kgs.	Price
WR-18-1TS-S-250	Black	18	1	250'	Wire, 1 Twisted Shielded Pair, Comm and Power, 250'/Spool	6.25	2.83	\$254.00
WR-18-1TS-S-500				500'	Wire, 1 Twisted Shielded Pair, Comm and Power, 500'/Spool	12.50	5.66	\$500.00
WR-18-1TS-S				1000'	Wire, 1 Twisted Shielded Pair, Comm and Power, 1000'/Spool	25.00	11.33	\$991.00
WR-18-2TS-S-250			2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	16.50	7.48	\$561.00
WR-18-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	33.00	14.96	\$1,066.00
WR-18-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	66.00	29.93	\$2,129.00
WR-16-2TS-S-250		16	2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	21.00	9.52	\$889.00
WR-16-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	42.00	19.05	\$2,303.00
WR-16-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	84.00	38.10	\$3,427.00
WR-18RED-1TS-S-250	Red	18	1	250'	Wire, 1 Twisted Shielded Pair, Comm and Power, 250'/Spool	6.25	2.83	\$248.00
WR-18RED-1TS-S-500				500'	Wire, 1 Twisted Shielded Pair, Comm and Power, 500'/Spool	12.50	5.66	\$510.00
WR-18RED-1TS-S				1000'	Wire, 1 Twisted Shielded Pair, Comm and Power, 1000'/Spool	25.00	11.33	\$921.00
WR-18RED-2TS-S-250			2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	16.50	7.48	\$561.00
WR-18RED-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	33.00	14.96	\$1,066.00
WR-18RED-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	66.00	29.93	\$2,129.00
WR-16RED-2TS-S-250		16	2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	21.00	9.52	\$889.00
WR-16RED-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	42.00	19.05	\$2,544.00
WR-16RED-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	84.00	38.10	\$3,427.00

Power Wire Requirements

Distance	Minimum Wire AWG
*500' (150 m)	18 AWG
*1000' (300 m)	16 AWG

* Maximum distance is between any 2 EDGE modules.

NOTE: Maximum of 500' of power cable between any EDGE 2 main display (Auto or Safety network) and expansion box. Any systems exceeding this distance must have a EDG2-012 Power Supply for main displays.

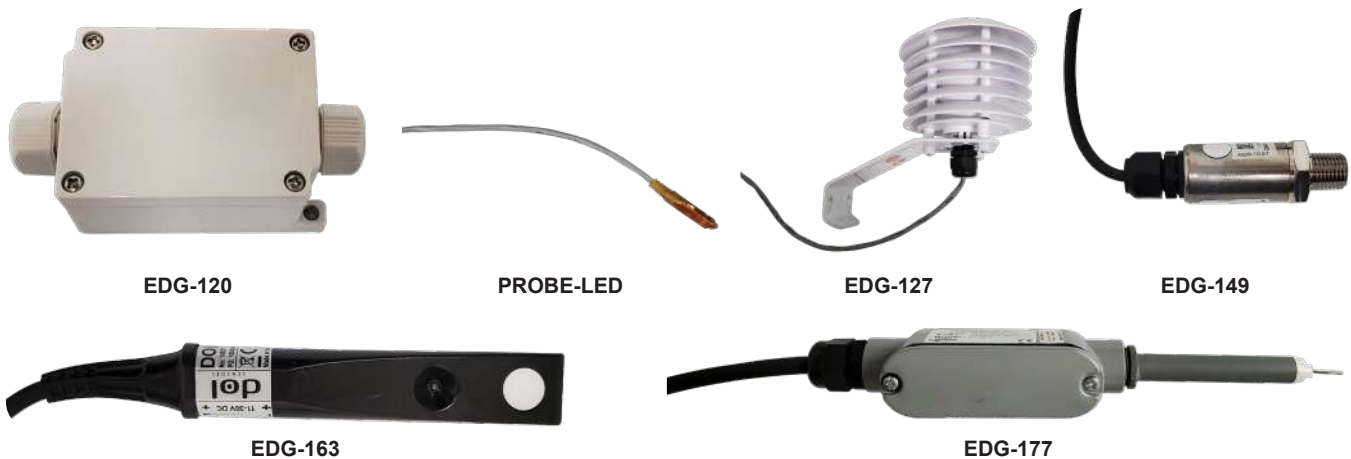
NOTE: Maximum of 1 EDGE 2 main display per power group.

Communication Wire Requirements

Distance	Minimum Wire AWG
*4000' (1200 m)	18 AWG

* Total distance from 1st module to last module.

NOTE: EDG-132 Network Repeaters may be required to boost communication signal strength.



EDGE Sensors

Part#	Description	Lbs.	Kgs.	Price
PROBE-LED	Sensor, 30' High Speed LED for EDGE	1.20	0.54	\$131.00
PROBE-LED-S	Sensor, 18" High Speed LED for EDGE	1.00	0.45	\$110.00
EDG-120	Sensor Junction Box	0.94	0.42	\$15.00
EDG-127	EDGE Outside Temperature Probe Radiation Shield Assembly	6.98	3.17	\$329.00
EDG-163	Humidity Sensor Kit	0.37	0.17	\$577.00
EDG-208	CO ₂ Sensor Kit	1.69	0.76	\$1,135.00
EDG-169	Ammonia Sensor Kit	4.22	1.91	\$3,692.00
EDG-177	Air Velocity Transmitter, 4-20mA Output	0.75	0.34	\$1,818.00
EDG-180	Light Sensor Kit	1.77	0.80	\$669.00
SP-121	Static Pressure Transmitter	0.01	0.00	\$448.00
EDG-149	Pressure Transmitter - Gas/Liquid	0.45	0.20	\$304.00

NOTE: Sensor Junction Box (EDG-120) is recommended with all sensors.

EDG-120 is included in Ammonia Sensor Kits (EDG-169), Light Sensor Kits (EDG-180) and CO₂ Sensor Kits (EDG-208).

EDGE Weather Station



Part#	Description	Lbs.	Kgs.	Price
EDG-187	EDGE AIRMAR Weather Station w/Mounting	24.82	11.25	\$6,518.00

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EDGE Power

Part#	Description	Lbs.	Kgs.	Price
EDG2-012	EDGE 2 Main Controller and Remote Display Power Supply	2.70	1.22	\$454.00
EDG-155	EDGE Backup Control Power Kit for EDGE Controller	2.25	1.02	\$447.00
INT-2100331	156W, 24VDC Transformer	3.25	1.47	\$346.00

EDGE Accessories

Part#	Description	Lbs.	Kgs.	Price
102-00228	Capacitor for Loads Less Than 0.2A	0.00	0.00	\$12.97
EDG-OSB-6	EDGE 6-Switch Override Box	1.00	0.45	\$471.00
EDG-132	EDGE RS-485 Network Repeater Box	3.00	1.36	\$727.00
EDG-135	EDGE Scenario Button	0.76	0.34	\$168.00
EDG-204*	240V Actuator Snubber Kit	5.19	2.35	\$141.00
EDG-211	Inrush Current Limiters 16A Current Limiter Din Rail Mount	0.25	0.11	\$107.00
EDG-212	Inrush Current Limiters 16A w/Din Rail Kit	0.28	0.13	\$109.00
EDG-213	Inrush Current Limiters 16A Current Limiter Terminal Block Mount	0.29	0.13	\$124.00

*Must be installed with every 240V actuator that is controlled by an EDGE system.

EDGE Main Controller Service Parts

Part#	Description	Lbs.	Kgs.	Price
EDG2-002	EDGE 2 Main Controller and Remote Display Front with Display	10.00	4.53	\$2,286.00
EDG2-003	EDGE 2 Main Controller Alarm and Communication Board	0.60	0.27	\$622.00
EDG2-008	EDGE 2 Remote Display Alarm and Communication Board	0.55	0.24	\$366.00
EDG2-004	EDGE 2 Main Controller and Remote Display Processor Board (Includes Wi-Fi Board)	1.10	0.49	\$3,131.00
EDG2-007	EDGE 2 Main Controller and Remote Display Wi-Fi Board	0.30	0.13	\$278.00
EDG-041	EDGE 1 Main Controller Front with Display	4.70	2.13	\$3,158.00
EDG-028	EDGE 1 Main Controller Alarm and Communication Board	1.00	0.45	\$643.00
EDG-027	EDGE 1 Main Controller Processor Board	1.00	0.45	\$1,081.00
EDG-078	EDGE 1 & 2 Main Controller Bottom	3.00	1.36	\$190.00
EDG-079	EDGE 1 & 2 Latch for Main Controller	0.20	0.09	\$10.43



EDG2-002
EDGE 2 Main Controller and
Remote Display Front with Display



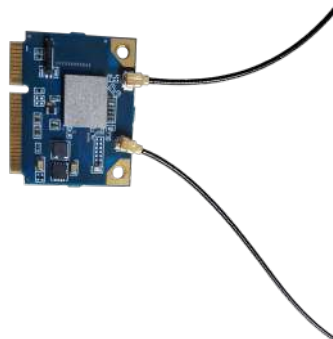
EDG2-003
EDGE 2 Main Controller Alarm
and Communication Board



EDG2-008
EDGE 2 Remote Display Alarm
and Communication Board



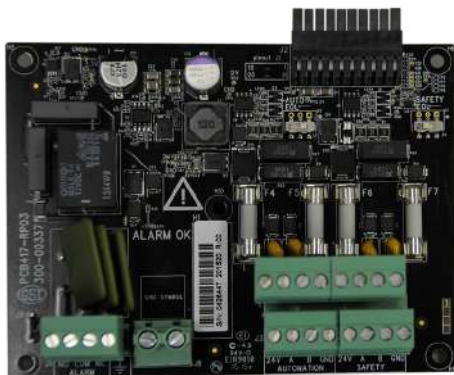
EDG2-004
EDGE 2 Main Controller and
Remote Display Processor Board



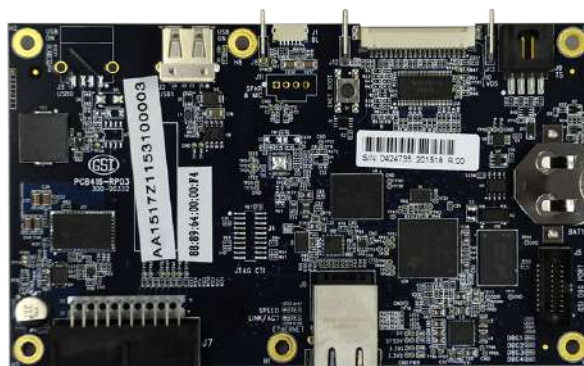
EDG2-007
EDGE 2 Main Controller
and Remote Display Wi-Fi Board



EDG-041
EDGE 1 Main Controller
Front with Display



EDG-028
EDGE 1 Main Controller Alarm
and Communication Board



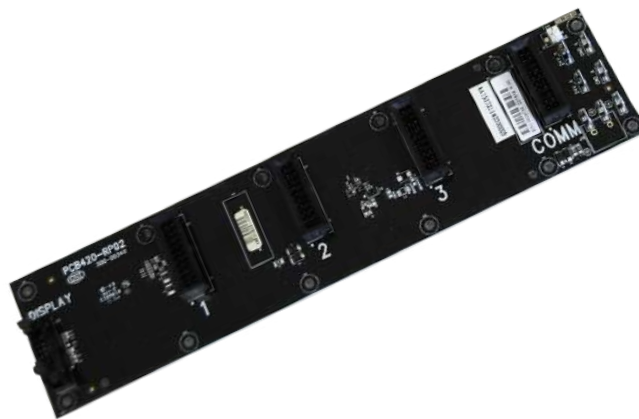
EDG-027
EDGE 1 Main Controller
Processor Board

EDGE Expansion Box Service Parts

Part#	Description	Lbs.	Kgs.	Price
EDG-029	EDGE, 6 Slot Backplane PCB	3.00	1.36	\$372.00
EDG-030	EDGE, 3 Slot Backplane PCB	2.00	0.90	\$285.00
EDG-031	EDGE, Expansion Box Communication Card	1.00	0.45	\$479.00
EDG-032	EDGE, Expansion Box Display	1.50	0.68	\$256.00
EDG-090	EDGE, Expansion Box Ribbon Cable	0.20	0.09	\$55.00
EDG-066	EDGE, Cooling Fan f/Expansion Box	1.11	0.50	\$129.00
EDG-069	EDGE, Communication Card and Cooling Fan Holder	0.15	0.06	\$6.63
EDG-076	EDGE, 3 & 6 Slot Expansion Box Latch	0.60	0.27	\$43.00
102-00228	Capacitor for Loads Less Than 0.2A	0.00	0.00	\$12.97
EDG-POWER-120	EDGE & Agri-Alert Power Supply, 120 W	2.75	1.25	\$679.00
EDG-VAR1C	EDGE, 2 kW, Variable Output w/42" Cord	1.50	0.68	\$347.00
EDG-129	EDGE, Variable Output	1.00	0.45	\$312.00
EDG-130	Cable, 42", SSR to Card	0.50	0.22	\$45.00
EDG-131	Cable, 15', SSR to Card	0.50	0.22	\$134.00
70-0162	Replacement Fuse, 3.15A f/F4-F7 in Master Control	0.08	0.03	\$5.00
70-0164	Replacement Fuse, 6.3A f/F1-F4 in Expansion Box	0.08	0.03	\$8.40

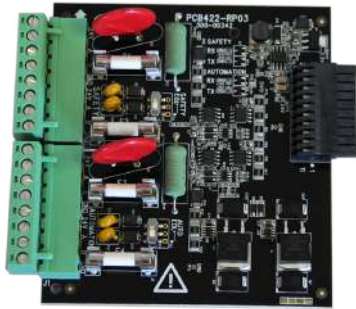


EDG-029
6 Slot Backplane PCB



EDG-030
3 Slot Backplane PCB

EDGE Expansion Box Service Parts (Contd.)



EDG-031
Expansion Box
Communication Card



EDG-032
Expansion Box
Display



EDG-066
Cooling Fan for
Expansion Box



EDG-076
3 & 6 Slot
Expansion Box Latch



EDG-POWER-120
Agri-Alert & EDGE
Power Supply, 120 W



EDG-090
Expansion Ribbon
(Compatible with small OLED displays used in
EDGE 3 & 6 slot expansion boxes, VariFlame EDGE
Connect, bin scale modules and TP-8I/1R type units.)



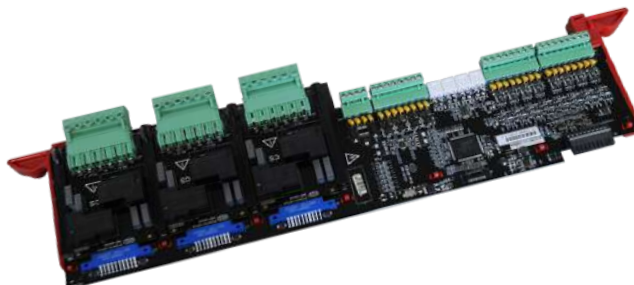
EDG-129
EDGE Variable Output

EDGE Replacement Relay Cards

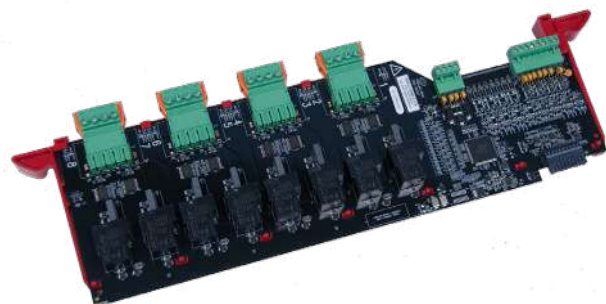
Part#	Description	Lbs.	Kgs.	Price
EDG-P-4I-8R	EDGE, 4 Input, 8 Relay Card (Type A)	0.40	0.18	\$1,347.00
EDG-P-4I-8R-P	EDGE, 4 Input, 8 Relay Card w/Pluggable Relays (Type B)	0.40	0.18	\$1,647.00
EDG-P-8I-6R-4V	EDGE, 8 Input, 6 Relay, 4 Variable Output Card (Type C)	0.40	0.18	\$1,724.00
EDG-P-8I-6R-4V-P	EDGE, 8 Input, 6 Relay, 4 Variable Output Card w/Pluggable Relays (Type D)	0.50	0.22	\$2,045.00
EDG-P-4I-12V	EDGE, 4 Input, 12 Variable Output Card (Type G)	1.00	0.45	\$1,352.00
EDG-P-4I-8RF	EDGE, 4 Input, 8 Relay Card, Failsafe Pro (Type H)	0.50	0.22	\$1,384.00
EDG-P-4I-8RF-P	EDGE, 4 Input, 8 Relay Card, Failsafe w/Pluggable Relays (Type I)	0.50	0.22	\$1,883.00
EDG-4I-2V-8DO	EDGE, 4 Input, 2 Variable, 8 Discrete Outputs for 3 PH Applications	0.40	0.18	\$2,540.00
EDG-2R	EDGE, 2 Relay Piggy Replacement Card	0.10	0.04	\$303.00
EDG-2RLY	EDGE, 2 Relay Failsafe Piggy Replacement Card, NO/NC	0.10	0.04	\$386.00



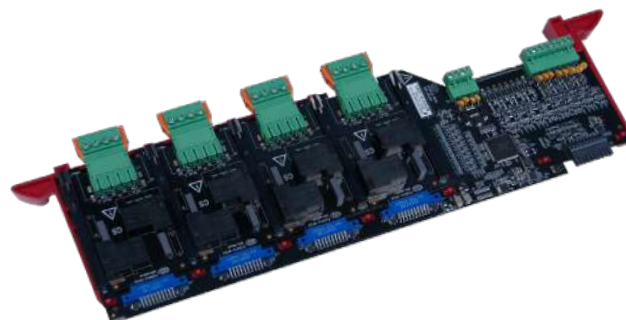
EDG-P-8I-6R-4V



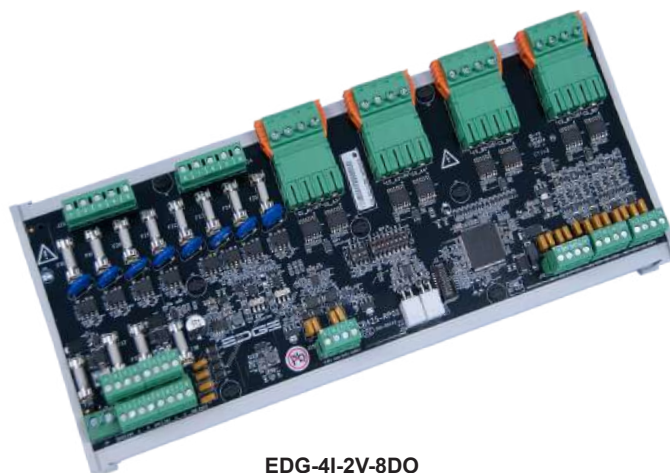
EDG-P-8I-6R-4V-P



EDG-P-4I-8R



EDG-P-4I-8R-P



EDG-4I-2V-8DO



EDG-2R



EDG-2RLY

EDGE Sensor Service Parts

Part#	Description	Lbs.	Kgs.	Price
EDG-098	Filter for HS-1	0.10	0.04	\$45.00
EDG-151	Ammonia Sensor, 0-10V Output	2.78	1.26	\$3,554.00
EDG-160	Humidity Sensor, 4-20mA Output	0.12	0.05	\$567.00
EDG-161	Humidity Sensor Bracket	0.25	0.11	\$8.04
EDG-162	Humidity Sensor Replacement Cap - Pkg. of 5	1.25	0.56	\$97.00
EDG-207	CO ₂ Sensor, 0-10V or 0-5V Output	0.25	0.11	\$1,004.00
EDG-165	Ammonia Sensor Head - 3 Years Shelf Life	0.33	0.14	\$2,396.00
EDG-166	Dust Filter - 5 pcs.	0.08	0.04	\$362.00
EDG-168	0-10V to 0-5V Converter Assembly	1.44	0.65	\$118.00
EDG-167	6.8 Kilo Ohm Resistor	0.50	0.22	\$49.00
EDG-179	Light Sensor, 0-10V Output	0.33	0.14	\$543.00

EDGE Weather Station Service Parts

Part#	Description	Lbs.	Kgs.	Price
EDG-159	Weather Station Building Mounting Bracket	0.83	0.37	\$19.30
EDG-173	Rain Sensor Unit w/98' Cable, Outdoor Use	3.80	1.72	\$1,364.00
EDG-174	EDGE Weather Station Module	2.55	1.15	\$1,290.00
EDG-175	EDGE Weather Station Hardware Bag	0.54	0.24	\$11.54
EDG-182	EDGE 110WX Weather Station Sensor	5.00	2.26	\$2,883.00
EDG-186	Rain Sensor Mounting Bracket	0.79	0.36	\$35.00
EDG-189	Cable f/AIRMAR Unit, 98', Outdoor Use	4.50	2.04	\$608.00
FH-1310	Connector, Cord HEYCO #3231	1.58	0.72	\$3.26
FH-7400	Washer, 1/2" PVC Connector Yellow	0.00	0.00	\$1.04
S-10736	Bushing, 3/4" Male Slip x 1/2" Female NPT SCH 40 PVC	0.08	0.03	\$3.00
S-10737	Bushing, 1-1/2" Male Slip x 3/4" Female NPT SCH 40 PVC	0.08	0.03	\$7.00
401920	Tube Clamp w/Hardware f/1-3/4" (U-Bolt w/Saddle)	0.26	0.11	\$3.41

Thermostats

Part#	Description	Lbs.	Kgs.	Price
3005-2130	Single Stage Thermostat	1.40	0.63	\$113.00
3005-2140	Single Stage Thermostat	0.75	0.34	\$54.00
TH-1-10	Thermostat, Single Stage, 3005-2130 - Qty. of 10	14.00	6.35	\$868.00
3005-0113	Electronic Thermostat w/Digital Display and Remote Sensor	1.10	0.49	\$250.00
TH-28	2 Stage Thermostat	1.00	0.45	\$215.00
TC1-1SD	1 Stage Control On/Off, Digital Display w/Temperature Knob	3.28	1.48	\$720.00
AC28	2 - Stage Penn Johnson Thermostat (No Cord)	2.86	1.30	\$309.00
T775	4 Stage Electronic Honeywell Control with 2 Sensors, Digital Display	3.70	1.67	\$924.00
T775-S	Sensor f/Honeywell Electronic Thermostat w/small 3" x 4" screen	0.75	0.34	\$125.00

Water Meters

Part#	Description	Lbs.	Kgs.	Price
3025-0106	Water Meter, 3/4" x 3/4"	5.00	2.26	\$242.00
3025-0107	1" Water Meter, 1 Pulse per Gallon (Includes Adaptor)	4.00	1.81	\$452.00
3025-0108	Replacement Reed Switch for 3025-0106 and 3025-0107	0.10	0.04	\$65.00
1021-6038	Adapter Fitting for 1" Water Meter (Requires 2 per 3025-0107)	0.50	0.22	\$67.00
WMC-LITER	Water Meter in Liters, f/Water Monitoring Controls	1.30	0.58	\$506.00



EXPERT-VP18



EXPERT-Series II

EXPERT Series Controls

	EXPERT Series II	EXPERT WW	EXPERT VP18	EXPERT VT110	EXPERT PN110 +	EXPERT Natural +
Total Relays	20 or 36	20, 36 or 52	10	14	14	24
On/Off Relays	12 or 24	12, 24 or 36	8	10	10	12
Actuator Outputs (Open & Close)	4 or 6	4, 6 or 8	1	2	2	6
Heat Stages	6	8	2	2	3	4
Brooder Stages	1	N/A	1	1	1	1
Fan Stages	12	12	8	8	8	N/A
Variable Stages	2	N/A	2	2	2	N/A
Tunnel Stages	2	2	N/A	1	N/A	N/A
Natural Stages	2	2	N/A	N/A	2	6
Inlet Stages	2	2	1	1	1	N/A
Chimney Stages	N/A	N/A	N/A	N/A	N/A	2
Stir Fan Stages	1	N/A	1	1	1	2
Clock Outputs	2	2	2	2	2	2
Mist Stages	1	1	N/A	N/A	N/A	N/A
Cooling Stages	1	1	1	1	1	1
Soaking Stages	1	N/A	1	1	1	1
Light Outputs	1	1	N/A	N/A	N/A	N/A
Feeder Outputs	2	4	N/A	N/A	N/A	4
Back Up Relay Output	1	1	1	1	1	N/A
0-10V Outputs*	2	2	2	2	2	2
Alarm Output	1	1	1	1	1	1

*0-10V outputs can be used for variable fans (VT110 only), heat lamps & inlets. See manual for specific details.

Inputs

Inside Probes	8	8	6	6	6	8
Outdoor Probes	2	2	1	1	1	1
Inside Humidity Probes	1	1	1	1	1	1
Outdoor Humidity Probes	1	1	N/A	N/A	N/A	N/A
Static Pressure Probes	1	1	1	1	1	N/A
Water Meter Inputs	9	9	1	1	1	1
Feeder Inputs	2	4	4	4	4	4
Whisker Switch Inputs	2	2	N/A	N/A	1	N/A
Weather Station	1	N/A	N/A	N/A	1**	1**

**Up to 3 EXPERT PN110+ and EXPERT-N+ per Weather Station.

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Part#	Description	Lbs.	Kgs.	Price
EXP-SERIESII	EXPERT-Series II, Power - Natural - Tunnel Ventilation Control, 50/60Hz	19.30	8.75	\$8,566.00
EXP-II36	EXPERT-Series II Control w/Additional 16 Circuit Relay Panel & COMLINK-1 Card, 50/60Hz	32.50	14.74	\$11,571.00
EXPERT WW**	EXPERT WW, Power - Natural - Tunnel Ventilation Control, 50/60Hz	30.00	13.60	\$6,300.00
EXP-IIRP16*	EXPERT-Series II and EXPERT WW 16 Circuit Relay Panel, 50/60Hz	15.30	6.93	\$3,400.00
EXPERT-VP18	EXPERT Power Ventilation Control, 50/60Hz	19.30	8.75	\$5,009.00
EXPERT-VT110	EXPERT Power - Tunnel Ventilation Control, 50/60Hz	19.30	8.75	\$6,760.00
EXPERT-PN110+	EXPERT PN110 Plus Ventilation Control, 50/60Hz, Weather Station Enabled	25.20	11.43	\$6,810.00
EXPERT-N+	EXPERT Natural Ventilation Control, Weather Station Compatible, 50/60Hz	19.30	8.75	\$8,266.00
EXP-2V2SA	Mini EXPERT, 2 Variable, 2 On/Off Relays, 1 Inlet Timed or Pot., Alarm w/1 30' Probe, 50/60Hz	6.08	2.75	\$3,535.00
EXP-2V4SA	Mini EXPERT, 2 Variable, 4 On/Off Relays, 1 Inlet Timed or Pot., Alarm w/1 30' Probe, 50/60Hz	1.08	0.48	\$4,071.00
EXPERT-SB	EXPERT Back-Up Safety Relay Box - Up to (8) Stages - Does NOT include Thermostats	3.18	1.44	\$675.00
MPV	10A Slave Module f/Controls with 1 Variable Stage or 2 Independent Variable Stages (Can add up to 4 Modules per Variable)	1.25	0.56	\$672.00
E330-0415	Config-100 EXPERT Memory Stick (For old green screen controls)	0.05	0.02	\$137.00
E330-0485	Config-301 EXPERT Series II Upload/Download Stick	0.25	0.11	\$492.00
E330-0493	Config-301 EXPERT WW Upload/Download Stick	0.10	0.04	\$533.00
COMLINK-1**	Communication Card for EXPERT Controls	0.50	0.22	\$219.00

*Can use up to (2) - EXP-IIRP16 panels with EXPERT WW.

**COMLINK-1 card needed for EXPERT Series II and EXPERT WW to communicate with EXP-IIRP16 relay panels.

EXPERT Programming

Part#	Description	Price
OFFCS	Offsite Control Setup, Remote Programming & Reprogramming of Controls by AP/Cumberland Staff	\$1,239.00
ONCS	Onsite Control Setup, On Farm Programming & Reprogramming of Controls by AP/Cumberland Staff	\$3,091.00

NOTE: Any EXPERT Controller setup requiring assistance from Sales or Technical Support will be subject to the fees listed above.

Price is per controller for Offsite programming and per day for Onsite visit.

The charges above do not apply to Technical Service calls.

EXPERT Sensors

Part#	Description	Lbs.	Kgs.	Price
PROBE	Temperature Sensor - 30'	1.08	0.48	\$83.00
PROBE-M	Temperature Sensor - 12'	1.00	0.45	\$71.00
PROBE-S	Temperature Sensor - 18"	0.50	0.22	\$47.00
SP-121	Static Pressure Transmitter	0.01	0.00	\$448.00
EDG-163	Humidity Sensor Kit	0.37	0.17	\$577.00
EDG-160	Humidity Sensor, 4-20mA Output	0.12	0.05	\$567.00
EDG-161	Humidity Sensor Bracket	0.25	0.11	\$8.04
EDG-120	Sensor Junction Box	0.94	0.42	\$15.00

NOTE: Sensor Junction Box (EDG-120) is recommended with all sensors.



EXPERT Weather Stations

Part#	Description	Lbs.	Kgs.	Price
WS-1	Weather Station for EXPERT Series II and EXPERT-N+	10.00	4.53	\$4,067.00
WS-2R	Weather Station with Rain Sensor for EXPERT Series II and EXPERT-N+	27.00	12.24	\$6,047.00
WS-2RK	Weather Station with Rain Sensor and Input Board for EXPERT Series II	37.00	16.78	\$6,831.00
E330-0480	Printed Circuit Board, EXPERT Series II Bottom Input	1.20	0.54	\$1,800.00

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EXPERT Series Replacement Enclosures and Front Doors

Part#	Description	Lbs.	Kgs.	Price
028-00464	EXPERT Enclosure and Hardware Kit	12.00	5.44	\$624.00
028-00465	EXPERT Series II Decal, Plate and Hardware Kit	8.00	3.62	\$519.00
028-00466	EXPERT WW Decal, Plate and Hardware Kit	8.00	3.62	\$678.00
028-00469	EXPERT-VP18 Decal, Plate and Hardware Kit	8.00	3.62	\$645.00
028-00459	EXPERT-VT110 Decal, Plate and Hardware Kit	8.00	3.62	\$579.00
028-00467	EXPERT-PN110 Decal, Plate and Hardware Kit	8.00	3.62	\$575.00

EXPERT Series II Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0478	EXPERT Series II Top LCD Display Board	0.90	0.40	\$2,615.00
E330-0479	EXPERT Series II 20 Switch Board	1.20	0.54	\$756.00
E330-0480	EXPERT Series II & EXPERT WW Master Bottom Board	1.20	0.54	\$1,800.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0485	Config-301 EXPERT Series II Upload/Download Stick	0.25	0.11	\$492.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

EXPERT WW Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0498	EXPERT WW Top LCD Display Board	1.30	0.58	\$2,615.00
E330-0499	EXPERT WW 20 Switch Board	1.20	0.54	\$666.00
E330-0480	EXPERT Series II & EXPERT WW Master Bottom Board	1.20	0.54	\$1,800.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0493	Config-301 EXPERT WW Upload/Download Stick	0.10	0.04	\$533.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

EXPERT RP16 Relay Panel Replacement Boards Old Style (15VDC Spade Terminal)

Part#	Description	Lbs.	Kgs.	Price
E330-0382	EXPERT Relay Panel - 16 Switch Top Board (Top DC Relay Panel Door Board/2 per Door)	0.60	0.27	\$642.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

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New Style (15VDC Screw terminal on relay card. Plastic pin terminal on back)

Part#	Description	Lbs.	Kgs.	Price
E330-0514	EXP-IIRP16 16 Switch Board	0.75	0.34	\$840.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0516	EXPERT 4 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.75	0.34	\$141.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00

EXPERT-VP18 Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0562	EXPERT-VP18 Top Display Board	4.00	1.81	\$2,159.00
E330-0563	EXPERT-VP18 10 Switch Board	1.00	0.45	\$468.00
E330-0414	EXPERT-VP18, EXPERT-VT110 & EXPERT- VT212 Master Bottom Board	2.50	1.13	\$973.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00

EXPERT-VT110 Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0531	EXPERT-VT110 Top Display Board	1.30	0.58	\$1,760.00
E330-0396	EXPERT-VT110 & EXPERT-PN110 14 Switch Board	1.40	0.63	\$615.00
E330-0414	EXPERT-VP18, EXPERT-VT110 & EXPERT- VT212 Master Bottom Board	2.50	1.13	\$973.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0530	EXPERT 2 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.30	0.13	\$170.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

EXPERT-PN110 and EXPERT-PN110+ Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0532	EXPERT-PN110 & EXPERT-PNT212 Top Display Board	1.30	0.58	\$1,760.00
E330-0596	EXPERT-PN110+, USB, Top Display Board	1.75	0.79	\$1,812.00
E330-0396	EXPERT-VT110, EXPERT-PN110 & EXPERT-PN110+ 14 Switch Board	1.40	0.63	\$615.00
E330-0453	EXPERT-PN110 & EXPERT-PNT212 Master Bottom Board	1.25	0.56	\$1,009.00
E330-0597	EXPERT-PN110+ Master Bottom Board	1.50	0.68	\$1,679.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0530	EXPERT 2 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.30	0.13	\$170.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

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EXPERT-N & EXPERT-N+ Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0534	EXPERT-N Top Display Board	1.30	0.58	\$1,999.00
E330-0589	EXPERT-N+ Top Display Board	1.00	0.45	\$2,359.00
E330-0389	EXPERT-N & EXPERT-N+ 24 Switch Board	2.60	1.17	\$779.00
E330-0588	EXPERT-N & EXPERT-N+ Master Bottom Board	1.00	0.45	\$1,322.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0392	EXPERT-N & EXPERT-N+ 12 Relay Board (Relays included)	1.50	0.68	\$474.00

EXPERT-VT212 Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0533	EXPERT-VT212 Top Display Board	1.30	0.58	\$2,543.00
E330-0399	EXPERT-VT212 & EXPERT-PNT212 18 Switch Board	1.50	0.68	\$669.00
E330-0414	EXPERT-VP18, EXPERT-VT110 & EXPERT- VT212 Master Bottom Board	2.50	1.13	\$973.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

EXPERT-PNT212 Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0532	EXPERT-PN110 & EXPERT-PNT212 Top Display Board	1.30	0.58	\$1,760.00
E330-0399	EXPERT-VT212 & EXPERT-PNT212 18 Switch Board	1.50	0.68	\$669.00
E330-0453	EXPERT-PN110 & EXPERT-PNT212 Master Bottom Board	1.25	0.56	\$1,009.00
E330-0528	EXPERT 5 Socket Board w/o Relays - Only accepts E330-0517 relay cards (not supplied)	0.50	0.22	\$230.00
E330-0390	EXPERT Power Supply Board	0.78	0.35	\$984.00
E330-0397	EXPERT 2 Variable Speed Card	0.65	0.29	\$379.00
E330-0517	EXPERT 2 Relay Card w/screw terminals and pin connection (See pictures)	0.75	0.34	\$105.00
E330-0490	EXPERT 2 Relay Card w/spade terminals. Old style replacement only (See pictures)	0.16	0.07	\$185.00

NOTE: E330-0532 - EXPERT-PNT212 software from previous control will need to be downloaded on to this top LCD board.

Mini EXPERT Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0448	Bottom Unit, EXP-2V2SA	5.15	2.33	\$2,004.00
E330-0449	Top Unit, EXP-2V2SA	1.00	0.45	\$1,562.00
E330-0474	Bottom Unit, EXP-2V4SA	5.05	2.29	\$2,102.00
E330-0475	Top Unit, EXP-2V4SA	0.00	0.00	\$2,035.00

EXPERT SB Replacement Relay Kits

Part#	Description	Lbs.	Kgs.	Price
E330-0571	EXPERT-SB Replacement Relay Kit (Includes mounting plate, relay and wires)	0.47	0.21	\$69.00
1593	EXPERT-SB Replacement Relay (Post June 2013)	0.10	0.04	\$46.00

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Old Style Relay Card Front & Back*
E330-0490



New Style Relay Card Front & Back
E330-0517

*The old style socket cards (E330-0394, E330-0395, E330-0398 and E330-0519) have been discontinued.
If an old style socket card is replaced with a new style socket card all relays must be replaced with new style relays.



EXPERT 5 Socket Board
E330-0528

Only accepts new style relay cards (E330-0517)



EXPERT 2 Socket Board
E330-0530

Only accepts new style relay cards (E330-0517)



**EXPERT-N & EXPERT-N+
12 Relay Board
(Relays included)**
E330-03392



EXPERT Top Display Board

EXPERT-VP18: E330-0562
EXPERT-VT110: E330-0531
EXPERT-PN110: E330-0532
EXPERT-PN110+: E330-0596
EXPERT-N: E330-0534
EXPERT-N+: E330-0589
EXPERT-VT212: E330-0533
EXPERT-PNT212: E330-0532

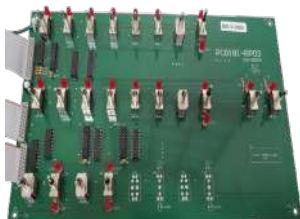


**EXPERT Top LCD
Display Board**
EXPERT Series II: E330-0478
EXPERT WW: E330-0498



**EXPERT Master Bottom Board
(Number of Inputs Varies)**

EXPERT Series II: E330-0480
EXPERT WW: E330-0480
EXPERT-VP18: E330-0414
EXPERT-VT110: E330-0414
EXPERT-PN110: E330-0453
EXPERT-PN110+: E330-0597
EXPERT-N & N+: E330-0588
EXPERT-VT212: E330-0414
EXPERT-PNT212: E330-0453



**EXPERT Switch Board
(Number of Switches Varies)**

EXPERT Series II: E330-0479
EXPERT WW: E330-0499
EXP-IIRP16: E330-0514 (New Style)
EXPERT-VP18: E330-0563
EXPERT-VT110: E330-0396
EXPERT-PN110: E330-0396
EXPERT-PN110+: E330-0396
EXPERT-N & N+: E330-0389
EXPERT-VT212: E330-0399
EXPERT-PNT212: E330-0399



**EXPERT 2 Variable
Speed Card**
E330-0397



EXPERT Power Supply Boards
New (top) and old (bottom) are backwards compatible
E330-0390



TC5 Series Power Ventilation Controls

Part#	Description	Lbs.	Kgs.	Price
TC5-1V6SA	7 Stage Control- 1 Var., 6 On/Off, w/Alarm & 30' Probe	6.88	3.12	\$2,061.00
TC5-1V10SA	11 Stage Control- 1 Var., 10 On/Off, w/Alarm & 30' Probe	12.68	5.75	\$3,765.00
TC5-2V2SA	4 Stage Control- 2 Var., 2 On/Off, w/Alarm & 30' Probe	6.88	3.12	\$1,737.00
TC5-2V4SA	6 Stage Control- 2 Var., 4 On/Off, w/Alarm & 30' Probe	6.88	3.12	\$2,087.00
TC5-2V8SA	10 Stage Control- 2 Var., 8 On/Off, w/Alarm & 30' Probe	11.08	5.02	\$3,565.00
TC5-8SDA	8 Stage Control- 8 On/Off w/Alarm & 1 - 30' Probe - 50/60Hz	5.28	2.39	\$2,308.00

TC5 Series Power/Natural Ventilation Controls

Part#	Description	Lbs.	Kgs.	Price
TC5-1N4F1A	Combination Natural Ventilation Control with 30' Probe, 1 Heat, 1 Var., 1 On/Off, 1 Curtain, 1 Mist (Timed), w/Alarm & 2 Probes	7.96	3.61	\$2,231.00
TC5-1N5F1AB	Combination Natural Ventilation Control, 1 or 2 Heat, 1 Var., 1 On/Off, 1 Floating, 1 Curtain, 1 Mist (Timed), w/Alarm & 2 Probes	11.16	5.06	\$2,518.00
TC5-1N8FA	Combination Natural Ventilation Control, 3 Heat, 2 Var., 1 On/Off, 1 Curtain, 2 On/Off Mist (Timed), w/Alarm & 2 Probes	12.16	5.51	\$3,120.00
TC5-2N6FA	Combination Natural Ventilation Control, 1 or 2 Heat, 2 Var, 2 On/Off, 2 Independent Curtains, 1 Mist (Timed), w/Alarm & 3 Probes 50/60Hz	9.04	4.10	\$3,169.00

TC4 Series Power Ventilation Control

Part#	Description	Lbs.	Kgs.	Price
TC4-1V2S	3 Stage Control w/1 Variable Stage	5.08	2.30	\$1,221.00
TC4-4SD	4 Stage On/Off Controller with Display	4.08	1.85	\$1,340.00

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TC Series Natural Ventilation Controls

Part#	Description	Lbs.	Kgs.	Price
TC1-NV	Natural Ventilation Controller, Analog Timer	5.08	2.30	\$625.00
TC4-NVS	Natural Ventilation Controller, 50/60Hz, w/1 On/Off Stage f/Heat or Cool	3.08	1.39	\$1,194.00
TC5-NV2SA	Natural Ventilation Controller, 50/60Hz, w/2 On/Off Stages f/Heat or Cool	5.28	2.39	\$1,499.00

TC Series Sensors

Part#	Description	Lbs.	Kgs.	Price
PROBE	Temperature Sensor - 30'	1.08	0.48	\$83.00
PROBE-M	Temperature Sensor - 12'	1.00	0.45	\$71.00
PROBE-S	Temperature Sensor - 18"	0.50	0.22	\$47.00
SP-121	Static Pressure Transmitter	0.01	0.00	\$448.00
EDG-163	Humidity Sensor Kit	0.37	0.17	\$577.00
EDG-160	Humidity Sensor, 4-20mA Output	0.12	0.05	\$567.00
EDG-161	Humidity Sensor Bracket	0.25	0.11	\$8.04
EDG-120	Sensor Junction Box	0.94	0.42	\$15.00

Variable Speed Controls

Part#	Description	Lbs.	Kgs.	Price
TC1-C	Variable Speed Fan Control w/o Display	5.08	2.30	\$617.00



Var-O-Matic Controller

Part#	Description	Lbs.	Kgs.	Price
6607-8046-HH*	Manual Fan Speed Control, 230V 60Hz	4.00	1.81	\$395.00
6407-1617-HH	Var-O-Matic Replacement Bottom Circuit Board	0.33	0.14	\$139.00

* For 14", 18" and 24" Fans Only.

Variable Speed Module's

Part#	Description	Lbs.	Kgs.	Price
MPV	10A Slave Module f/Controls with 1 Variable Stage or 2 Independent Variable Stages (Can add up to 4 Modules per Variable)	1.25	0.56	\$672.00
MPV-010	10A Slave Module f/EXPERT Controls, 50/60Hz	3.10	1.40	\$732.00
MPVV	10A Slave Module f/Controls with 2 Variable Stages (Can add up to 4 Modules per Control)	1.25	0.56	\$828.00

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Inlet Controls

Part#	Description	Lbs.	Kgs.	Price
TC5-ITA	Timed Inlet Control w/Alarm & 1 Probe (See NOTE below)	2.18	0.98	\$1,784.00
ITA-6	Timed Inlet Control Top f/PF-6	1.10	0.49	\$906.00
PF-6	Resistor, Feedback Inlet Control	3.28	1.48	\$1,468.00
SP-2	Static Pressure Control with Overload Alarm	3.50	1.58	\$1,671.00
70-0077	Manometer METER M-II	1.75	0.79	\$159.00
SP-121	Static Pressure Transmitter	0.01	0.00	\$448.00
COMLINK-2	Communication Card f/TC4, TC5, WMC, FMC, PF-6 & ITA Controls	0.50	0.22	\$219.00

NOTE: TC5-ITA and PF-6 requires 1 Comlink-2 card to be installed in the associated ventilation control (TC4/TC5).

Computer Interface/Communication Cards

Part#	Description	Lbs.	Kgs.	Price
PC2-COM	Communication Card f/PF-5 and PC3-INT	0.05	0.02	\$167.00
COMLINK-2	Communication Card f/TC4, TC5, WMC, FMC, PF-6 & ITA Controls	0.50	0.22	\$219.00

NOTE: PC2-COM: Communication card for TC4 and TC5 controls connected to PC3-INT.

COMLINK-2: Communication card for all TC4 and TC5 controls to connect a BRIDGE-A. Also used for PF-6 communication to controls. One COMLINK-2 is included in the PF-6 control.

Heat Lamp/Mat Controls

Part#	Description	Lbs.	Kgs.	Price
HM-10	Heat Pad Control w/Probe - 10A, Digital Display, Temperature Ramping, Computer Linkable and Alarm	3.28	1.48	\$1,136.00
HML-40	Heat Mat and Heat Lamp Variable Output Module, 2400 W (2 Channel)	6.50	2.94	\$1,168.00
HML-80	Heat Mat and Heat Lamp Variable Output Module, 4800 W (4 Channel)	6.50	2.94	\$1,570.00
TC4-1VHB-50	Variable Heat Pad Control w/Probe	4.08	1.85	\$1,194.00
MPV	10A Slave Module f/Controls with 1 Variable Stage or 2 Independent Variable Stages (Can add up to 4 Modules per Variable)	1.25	0.56	\$672.00

Relay Panels & Overload Protectors

Part#	Description	Lbs.	Kgs.	Price
E100-A1020	Manual Override Switch Box for Curtain Controller	1.18	0.53	\$208.00
E100-A1034	Relay Box, 1 Stage 220V, 25A, w/Override	1.60	0.72	\$198.00
E100-A1045	Relay Box, 1 Stage 120V, 25A, w/Override	1.62	0.73	\$179.00
E100-A1095	Relay Box to Operate up to 4 Curtain Machines, 120V	2.22	1.00	\$270.00
E320-A0374	2 Stage Relay Panel-110V w/Manual Override & NEMA 4 Enclosure	5.26	2.39	\$1,118.00
E320-A0371	4 Stage Relay Panel-110V w/Manual Override & NEMA 4 Enclosure	14.11	6.40	\$1,990.00

50Hz Controls

Part#	Description	Lbs.	Kgs.	Price
TC5-2V4SA-50	6 Stage Control- 2 Var., 4 On/Off, w/Alarm & 30' Probe - 50Hz	6.08	2.75	\$2,044.00
TC5-8SDA	8 Stage Control- 8 On/Off w/Alarm & 1 - 30' Probe - 50/60Hz	5.28	2.39	\$2,308.00

TC5 Series Controls Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0243	TC5-2V2SA Top Unit	1.40	0.63	\$880.00
E330-0244	TC5-2V2SA Bottom Unit	3.70	1.67	\$968.00
E330-0241	TC5-2V4SA Top Unit	1.30	0.58	\$987.00
E330-0242	TC5-2V4SA\2V4SAW Bottom Unit	3.60	1.63	\$1,217.00
E330-0245	TC5-1V6SA Top Unit	1.30	0.58	\$968.00
E330-0246	TC5-1V6SA Bottom Unit	3.60	1.63	\$1,203.00
E330-0255	TC5-1V10SA Top Unit	1.30	0.58	\$1,136.00
E330-0256	TC5-1V10SA Master Bottom Unit	3.60	1.63	\$1,296.00
E330-0257	TC5-1V10SA Slave Unit	4.55	2.06	\$1,350.00
E330-0349	TC5-2V8SA Top Unit	1.30	0.58	\$975.00
E330-0354	TC5-2V8SA Master Bottom Unit	3.60	1.63	\$1,193.00
E330-0319	TC5-2V8SA Slave Unit	3.70	1.67	\$1,345.00
E330-0247	TC5-8SDA Top Board	1.30	0.58	\$1,136.00
E330-0248	TC5-8SDA Bottom Board	1.30	0.58	\$1,282.00
E330-0259	TC5-1N4F1A Top Unit	1.30	0.58	\$1,049.00
E330-0250	TC5-1N4F1A Bottom Unit	3.60	1.63	\$1,230.00
E330-0379	TC5-1N5F1A/AB Top Unit	1.00	0.45	\$1,186.00
E330-0252	TC5-1N5F1A,TC5-1N5F1AB, Bottom Unit	3.60	1.63	\$1,405.00
E330-0253	TC5-1N8FA Top Unit	1.30	0.58	\$919.00
E330-0254	TC5-1N8FA Master Bottom Unit	3.70	1.67	\$1,054.00
E330-0249	TC5-1N8FA Slave Unit	3.60	1.63	\$1,217.00
E330-0280	TC5-T1A Top Unit	1.30	0.58	\$950.00
E330-0281	TC5-T1A Master Bottom Unit	3.60	1.63	\$1,279.00
E330-0321	TC5-T1A Slave Unit	3.60	1.63	\$1,279.00
E330-0324	TC5-T6 Master Top Unit	1.00	0.45	\$1,037.00
E330-0325	TC5-T6A Master Bottom Unit	4.15	1.88	\$1,223.00
E330-0323	TC5-T6 Slave Unit	4.80	2.17	\$1,307.00
E330-0536	TC5-2N6FA Top Unit	2.00	0.90	\$1,524.00
E330-0537	TC5-2N6FA Bottom Unit	2.00	0.90	\$1,945.00

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TC4 Series Controls Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0001	TC4-1V3S Top Unit	0.75	0.34	\$841.00
E330-0002	TC4-1V3S Bottom Board	1.20	0.54	\$845.00
E330-0005	TC4-1V2S Top Unit	1.20	0.54	\$645.00
E330-0006	TC4-1V2S Bottom Unit	1.20	0.54	\$649.00
E330-0017	TC4-4SD Top Board	1.20	0.54	\$739.00
E330-0018	TC4-4SD Bottom Board	1.20	0.54	\$561.00
E330-0163	TC4-NVS, Top Only	1.10	0.49	\$662.00
E330-0164	TC4-NVS, Bottom	1.30	0.58	\$508.00
E330-0261	TC4-T10 Top Unit	0.80	0.36	\$590.00
E330-0311	TC4-T10 Bottom Board	1.30	0.58	\$261.00
E330-0268	TC4-T30 Top Unit	0.80	0.36	\$704.00
E330-0269	TC4-T30 Bottom Board	1.30	0.58	\$390.00

Interface Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0264	Board, PC3-INT Top	0.80	0.36	\$2,467.00
E330-0265	Board, PC3-INT Bottom	1.30	0.58	\$1,979.00

PF6 Replacement Boards

Part#	Description	Lbs.	Kgs.	Price
E330-0377	Board, PF6 Bottom	1.40	0.63	\$598.00
E330-0378	Board, PF6 Top Control	0.80	0.36	\$920.00

Control Repair Parts

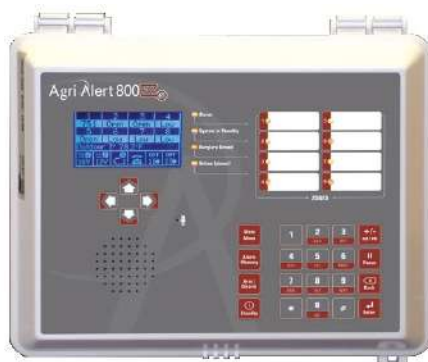
Part#	Description	Lbs.	Kgs.	Price
4557	Fuse, 15A, 250V, Fast Acting	0.00	0.00	\$3.40
70-0064	Fuse, 3A, Time Delay	0.10	0.04	\$5.10
550-00016	Screw f/TC2, TC3 & TC4 Thevco Controls	0.02	0.00	\$9.02
70-0233	Knob, Small f/Thevco Controls	0.04	0.01	\$11.09
70-0174	Fuse, 10A, 250V, Time Delay	0.05	0.02	\$6.90
70-0137	Fuse, 8A	0.08	0.03	\$5.40
90-0007	Contactor, Definite Purpose, 1 HP, 120VAC, N/O (Used in EXPERT-SB)	0.35	0.15	\$38.00
E115-1060	Knob, Large f/Thevco Controls	0.05	0.02	\$13.80
E300-1003	Fuse, 5A, 250V, Time Delay	0.01	0.00	\$3.40
E300-1004	Fuse, 250mA., 250V, Fast Acting, 5 x 20 mm	0.00	0.00	\$7.80
E300-1006	Fuse, 5A, 250V, Time Delay, 5 x 20 mm	0.00	0.00	\$7.70
E300-1007	Fuse, 1/2 Fast Acting	0.00	0.00	\$2.73
E300-1008	Fuse f/Feed Bin Display Base Board (110/220V)	0.00	0.00	\$2.80
E300-1009	Fuse, 1A, Fast Acting, 5 x 20 mm	0.00	0.00	\$1.20
E300-1011	Fuse, 15A, Time Delay	0.00	0.00	\$4.02
E300-1015	Fuse, 4A, 5 x 20 mm Slo-Blow f/EXPERT Controls	0.00	0.00	\$4.60



Agri-Alert 128 Alarm Systems

Part#	Description	Lbs.	Kgs.	Price
AA-128	Agri-Alert 128 Alarm System - 8 Zones (Includes Power Supply and Battery Pack)	16.00	7.25	\$5,182.00
AA-128K	Agri-Alert 128 Alarm System - 16 Zone Starter Kit (Includes Power Supply, 8 Zone, 1 Relay Ext. Box & Battery Pack)	26.00	11.79	\$7,119.00
AA-8I1R	AA128, 8 Zone, 1 Relay Ext. Box	1.90	0.86	\$2,272.00
AA-KP8I1R	AA128, 8 Zone, 1 Relay Ext. Box with Keypad	1.90	0.86	\$2,879.00
AA-KP8I1R-K	AA128, 8 Zone, 1 Relay Ext. Box with Keypad and 10 RFID Tags	1.90	0.86	\$2,975.00
AA-RFID	AA128, 2 Zone, 1 Relay Ext. Box with RFID Reader	1.90	0.86	\$2,333.00
AA-RFID-K	AA128, 2 Zone, 1 Relay Ext. Box with RFID Reader and 10 RFID Tags	1.80	0.81	\$2,433.00
AA-WIRELESS	AA128, Wireless Transmitter/Receiver	3.90	1.76	\$1,914.00
AA-24V-PWR	AA128, Power Supply, 24V, 20 W Max.	1.80	0.81	\$744.00

NOTE: Agri-Alert 128 works with fiber-optics.



Agri-Alert 800 Alarm Systems

Part#	Description	Lbs.	Kgs.	Price
AA-800EZK	Agri-Alert 800EZ, Alarm System - 8 Zone with Outdoor Temperature Card & Power Supply	5.10	2.31	\$3,297.00
AA-800EZL	Agri-Alert 800EZ, Alarm System - 8 Zone with Power Supply	5.10	2.31	\$2,706.00

NOTE: Agri-Alert 800 does not work with fiber-optics.

Agri-Alert Programming

Part#	Description	Price
OFFCS	Offsite Control Setup, Remote Programming & Reprogramming of Controls by AP/Cumberland Staff	\$1,239.00
ONCS	Onsite Control Setup, On Farm Programming & Reprogramming of Controls by AP/Cumberland Staff	\$3,091.00

NOTE: Any Agri-Alert setup requiring assistance from Sales or Technical Support will be subject to the fees listed above.
Price is per controller for Offsite programming and per day for Onsite visit.
The charges above do not apply to Technical Service calls.

Agri-Alert Sensors

Part#	Description	Lbs.	Kgs.	Price
PROBE	Temperature Sensor - 30'	1.08	0.48	\$83.00
PROBE-M	Temperature Sensor - 12'	1.00	0.45	\$71.00
PROBE-S	Temperature Sensor - 18"	0.50	0.22	\$47.00
AA-LWP	Agri-Alert Low Water Pressure Sensor	1.00	0.45	\$356.00
AA-VRB1-220	Agri-Alert Power Failure Relay Kit, 1 PH, 220V	2.38	1.07	\$395.00
AA-VRB3-240	Agri-Alert Power Failure Relay Kit, 3 PH, 240V	1.20	0.54	\$662.00
AA-VRB1	Agri-Alert Power Failure Relay Kit, 1 PH, 120V	1.20	0.54	\$369.00
AA-VRB3	Agri-Alert Power Failure Relay Kit, 3 PH, 120V	1.20	0.54	\$570.00
AA-SIREN	Agri-Alert Siren, 12VDC, 30 W	2.52	1.14	\$115.00
AA-SIREN15	Agri-Alert Siren, 12VDC, 15 W	3.00	1.36	\$49.00
AA-CS	Agri-Alert Current Sensor for AA128 Systems	0.35	0.15	\$529.00
AA-FD	Agri-Alert Fire Detector	0.45	0.20	\$368.00
AA-PMD	Agri-Alert Passive Motion Detector	0.25	0.11	\$172.00

Agri-Alert 128 Communication and Power Wire

Part#	Color	AWG	Pairs	Length	Description	Lbs.	Kgs.	Price
WR-18-1TS-S-250	Black	18	1	250'	Wire, 1 Twisted Shielded Pair, Comm and Power, 250'/Spool	6.25	2.83	\$254.00
WR-18-1TS-S-500				500'	Wire, 1 Twisted Shielded Pair, Comm and Power, 500'/Spool	12.50	5.66	\$500.00
WR-18-1TS-S				1000'	Wire, 1 Twisted Shielded Pair, Comm and Power, 1000'/Spool	25.00	11.33	\$991.00
WR-18-2TS-S-250			2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	16.50	7.48	\$561.00
WR-18-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	33.00	14.96	\$1,066.00
WR-18-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	66.00	29.93	\$2,129.00
WR-16-2TS-S-250		16	2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	21.00	9.52	\$889.00
WR-16-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	42.00	19.05	\$2,303.00
WR-16-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	84.00	38.10	\$3,427.00
WR-18RED-1TS-S-250	Red	18	1	250'	Wire, 1 Twisted Shielded Pair, Comm and Power, 250'/Spool	6.25	2.83	\$248.00
WR-18RED-1TS-S-500				500'	Wire, 1 Twisted Shielded Pair, Comm and Power, 500'/Spool	12.50	5.66	\$510.00
WR-18RED-1TS-S				1000'	Wire, 1 Twisted Shielded Pair, Comm and Power, 1000'/Spool	25.00	11.33	\$921.00
WR-18RED-2TS-S-250			2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	16.50	7.48	\$561.00
WR-18RED-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	33.00	14.96	\$1,066.00
WR-18RED-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	66.00	29.93	\$2,129.00
WR-16RED-2TS-S-250		16	2	250'	Wire, 2 Twisted Shielded Pair, Comm and Power, 250'/Spool	21.00	9.52	\$889.00
WR-16RED-2TS-S-500				500'	Wire, 2 Twisted Shielded Pair, Comm and Power, 500'/Spool	42.00	19.05	\$2,544.00
WR-16RED-2TS-S				1000'	Wire, 2 Twisted Shielded Pair, Comm and Power, 1000'/Spool	84.00	38.10	\$3,427.00

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Ordering Instructions for AA-128 Alarm System

AA-128K Kit includes – 1) AA-128 Touch Alarm, 1) AA-8I1R 8 Zone Expansion Box & 1) AA-BB128 Battery Backup

Wired System

1. Determine the number of wired zones to monitor.
2. Start with 1 of the AA-128K that will give you 16 zones.
3. You can use any combination of AA-8I1R (8 Zones), AA-KP8I1R (8 Zones) or AA-TR2I1R (2 Zones) expansion boxes to equal the 128 maximum zones.
4. The SBI bus on the AA-128 master is rated for 48 W, so you need to add up total wattage of the modules. If the total wattage is over 48 W, you will need to add the appropriate power modules (AA-24V-PWR) to power the extra modules (Each Power Module is Rated 20 W).

Maximum Modules on AA128

Part#	Max. Modules
AA-WIRELESS	1*
AA-RFID	11
AA-8I1R	10
AA-KP8I1R	8

Module Power Consumption

Part#	Watts
AA-WIRELESS	2.8
AA-RFID	4.3
AA-8I1R	4.72
AA-KP8I1R	5.62

5. *** Legacy modules (AA-TP800 & AA-KPB400) cannot be wired on the same communication network.**
6. **Before completing the quote/order, make sure that you do not exceed the maximum watts of the SBI bus on the AA-128 Alarm.**

Wired/Wireless System

1. Determine number of zones and wireless locations to monitor.
2. Select 1 AA-128K for master alarm and 1 8 input module (16 Total Inputs Available).
3. Select 1 AA-WIRELESS for you base receiver.
4. Select 1 AA-WIRELESS for each location you will be transmitting.
5. Select the correct Expansion Module for number of zones being monitored from each transmitter.
6. Add up the power consumption of the modules on each transmitter to determine the correct number of power supplies (AA-24V-PWR).
7. Check the maximum specifications to make sure we have not exceeded any.
8. *** Legacy modules (AA-TP800 & AA-KPB400) cannot be wired on the same communication network.**
9. **Before completing the quote/order, make sure that you do not exceed the maximum watts of the SBI bus of the AA-128 or the remote power supply (AA-24V-PWR).**

Ordering Instructions Continued Next Page...

Example #1: Wired System – 240V Electrical System, 32 Zones.

Example#1 - Wired System

Qty.	Part#	Description	Zones	Watts/Ea.	Total Watts
1	AA-128K	Kit, Agri-Alert 128 16 Zone Starter	16	N/A	N/A
2	AA-8I1R	AA128, 8 Zone, 1 Relay Ext. Box	8	4.72	9.44
1	AA-KP8I1R	AA128, 8 Zone, 1 Relay Ext. Box with Keypad	8	5.62	5.62
21	PROBE	Sensor, Temperature - 30'		N/A	N/A
1	AA-VRB1-220	Relay, Agri-Alert Power Failure Kit, 1 PH, 220V		N/A	N/A
1	AA-LWP	Alarm, Agri-Alert Low Water		N/A	N/A
Total Watts on AA-128					15.06

Example #2: Wired/Wireless System – 3 PH - 4 Double Wide Finish Buildings with center load out – Building 1 & 2 are connected together and will be wired. Building 3 & 4 will be serviced with a Wireless connection– 2 temperature probes/room, 1 power relay for the power service.

Example #2 - Combination Wired with Wireless

Qty.	Part#	Description	Zones	Watts/Ea.	Total Watts
1	AA-128K	Kit, Agri-Alert 128 16 Zone Starter	16	N/A	N/A
1	AA-8I1R	AA128, 8 Zone, 1 Relay Ext. Box	8	4.72	4.72
4	PROBE	Sensor, Temperature - 30'		N/A	N/A
1	AA-WIRELESS	AA128, Wireless Transmitter/Receiver		2.8	2.8
1	AA-VRB3	Relay, Agri-Alert Power Failure Kit, 3 PH		N/A	N/A
Total Watts on AA-128					7.52

Wireless Equipment

1	AA-WIRELESS	AA128, Wireless Transmitter/Receiver		2.8	2.8
1	AA-KP8I1R	AA128, 8 Zone, 1 Relay Ext. Box with Keypad	8	5.62	5.62
4	PROBE	Sensor, Temperature - 30'			
1	AA-24V-PWR	AA128, Power Supply, 24V, 20 W Max.		N/A	N/A
Total Watts on Remote Power Supply					8.42

AA-128 with Old Style Modules (AA-TP800 & AA-KPB-400)

- When an AA-128 has been installed with AA-TP800 and/or AA-KPB400, it is recommended to continue using the same style of alarm modules. The new style models and old style CANNOT be wired on the same communication network.

Module Power Consumption

Part#	Watts
*AA-TP800	1.9
*AA-KPB400	4.72

Agri-Alert 128 Replacement Modules

Part#	Description	Lbs.	Kgs.	Price
AA-TP800	Agri-Alert 8 Zone Extension Box (Up to 15 Additional TP-800's can be Added to the AA-128 Alarm)	3.20	1.45	\$2,156.00
AA-KPB400	Agri-Alert Farm Keypad, 4 Zones (for Use in Animal Facility Environments)	3.20	1.45	\$2,260.00

Agri-Alert 128 Alarm Replacement Boards and Parts

Part#	Description	Lbs.	Kgs.	Price
AA-BATTERY	Agri-Alert Rechargeable Battery, 7A/H	5.85	2.65	\$130.00
EDG-POWER-120	EDGE & Agri-Alert Power Supply, 120 W	2.75	1.25	\$679.00
AA-128K-FAN	Agri-Alert 128 Fan Assembly	3.00	1.36	\$141.00
E330-0574	AA128, Front Cover Assembly w/Display	6.00	2.72	\$4,164.00
E330-0575	AA128, Bottom Box Assembly w/Circuit Board & Power Supply	10.00	4.53	\$4,732.00
E330-0576	AA128, Main Processor Unit Board, Inside Front Cover (Blue Board)	1.00	0.45	\$2,773.00
E330-0577	AA128, Interface Board, Inside Front Cover (Green Board)	1.00	0.45	\$545.00
E330-0578	AA128, Master Bottom Board only (Blue Board)	3.00	1.36	\$3,842.00
E330-0579	AA128, Battery Charger Board (Red Board)	1.00	0.45	\$1,544.00
E330-0580	AA128, Phone Modem Card (Green Board)	1.00	0.45	\$1,032.00
E330-0581	AA128, Battery Box Bottom Board	1.00	0.45	\$402.00
AA-BB128	AA128, Backup Battery	10.00	4.53	\$708.00
E330-0489	AA-TP800 Bottom Circuit Board Assembly	0.60	0.27	\$1,203.00
AA-8I1R-T	AA128, Front Cover & Board f/AA-8I1R	1.90	0.86	\$809.00
AA-8I1R-B	AA128, Back Box & Board f/AA-8I1R	1.90	0.86	\$1,850.00
AA-KP8I1R-T	AA128, Front Cover & Board f/AA-KP8I1R	1.90	0.86	\$1,291.00
AA-KP8I1R-B	AA128, Back Box & Board f/AA-KP8I1R	1.90	0.86	\$2,014.00
AA-RFID-T	AA128, Front Cover & Board f/AA-RFID	1.90	0.86	\$1,047.00
AA-RFID-B	AA128, Back Box & Board f/AA-RFID	1.90	0.86	\$1,692.00
AA-WIRELESS-T	AA128, Front Cover f/AA-WIRELESS	3.90	1.76	\$489.00
AA-WIRELESS-B	AA128, Back Box & Board f/AA-WIRELESS	3.90	1.76	\$1,868.00
AA-24V-PWR-T	AA128, Front Cover f/AA-24V-PWR	1.80	0.81	\$248.00
AA-24V-PWR-B	AA128, Back Box & Board f/AA-24V-PWR	1.80	0.81	\$609.00



AA-BATTERY



E330-0574 (External View)
AA128, Front Cover Assembly w/Display



E330-0574 (Internal View)
AA128, Front Cover Assembly w/Display



E330-0575
AA128, Bottom Box Assembly
w/Circuit Board & Power Supply



E330-0576
AA128, Main Processor Unit Board,
Inside Front Cover (Blue Board)

Prices and specifications are subject to change without notice.

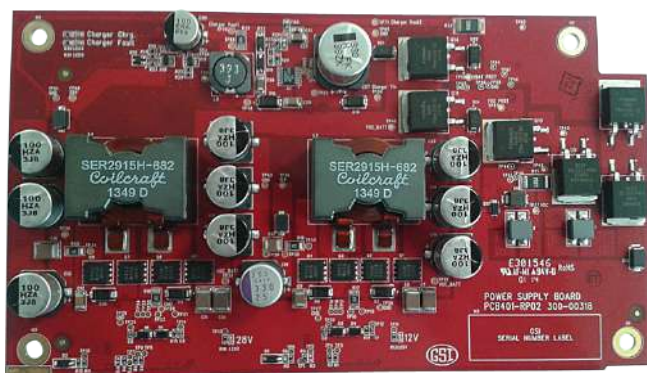
August 05, 2024



E330-0577
AA128, Interface Board, Inside Front Cover
(Green Board)



E330-0578
AA128, Master Bottom Board Only
(Blue Board)



E330-0579
AA128, Battery Charger Board (Red Board)



E330-0580
AA128, Phone Modem Card (Green Board)



E330-0581
AA128, Battery Box
Bottom Board



AA-BB128 (External View)
AA128, Battery Box



AA-BB128 (Internal View)
AA128, Battery Box



AA-811R-B
AA128, Back Box & Board for AA-811R



AA-KP811R
AA128, 8 Zone, 1 Relay Ext. Box



AA-811R-T
AA128, Front Cover & Board for AA-811R



AA-KP811R-T
AA128, Front Cover & Board for AA-KP811R



AA-RFID-T
AA128, Front Cover & Board
for AA-KP811R



AA-RFID-B
AA128, Back Box & Board
for AA-RFID



AA-WIRELESS-B
AA128, Back Box & Board
for AA-WIRELESS

Agri-Alert 800 Alarm Replacement Boards and Parts

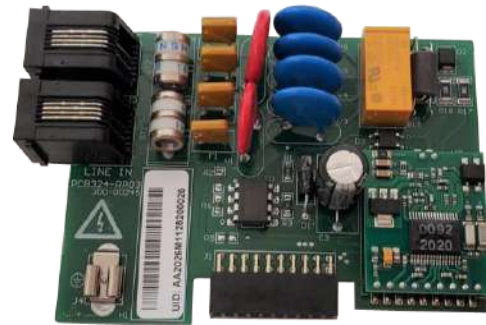
Part#	Description	Lbs.	Kgs.	Price
AA-EZBAT	Battery for AA-800EZ Alarms	0.50	0.22	\$147.00
AA-OTC	Agri-Alert Outdoor Temperature Card	0.50	0.22	\$640.00
AA-PC	Agri-Alert Phone Card	0.50	0.22	\$394.00
AA-T40	Agri-Alert Plug-In Transformer, 40VA	1.20	0.54	\$148.00
E330-0500	AA-800EZ Top Circuit Board w/Top Enclosure	2.00	0.90	\$950.00
E330-0501	AA-800EZ Bottom Circuit Board w/Bottom Enclosure, Battery & Phone Card	3.00	1.36	\$1,936.00
E330-0503	AA-800EZ Bottom Circuit Board Assembly only, No Enclosure, No Battery	2.00	0.90	\$1,631.00
E330-0502	AA-800EZ Top Board No Enclosure	2.00	0.90	\$799.00
E300-1018	Fuse, 1A for EXPERT Controls	0.20	0.09	\$9.50
E300-1019	Fuse, 2.5A, SB, 5 x 20 mm, 250V	0.01	0.00	\$2.07
E300-1020	Fuse, 1A, SB, 4 x 20 mm, 250V	0.01	0.00	\$2.07
E300-1021	Fuse, 500mA, SB, 5 x 20 mm, 250V	0.01	0.00	\$2.17
E300-1022	Fuse, 2A, SB, 5 x 20 mm, 250V	0.01	0.00	\$2.17
E300-1023	Fuse, 20A, SB, 6.3 x 32 mm	0.01	0.00	\$4.89



AA-800EZ Top Circuit Board Front & Back
E330-0502



AA-800EZ Bottom Circuit Board Assembly
E330-0503



Agri-Alert Phone Card
AA-PC



Agri-Alert Outdoor Temperature Card
AA-OTC



Battery for AA-800EZ Alarms
AA-EZBAT