



# BentaxNA pure air systems

---

## RE600 (1-1616-0017-1)

	Model:			
Controllers	RE150	RE200	RE350	RE600
0 – 5 Stepped Switch	 Image 1: RE150	 Image 2: RE200/RE350/600		

**This report:** The controller is set to zero (0) with power from wall. The Sequence: Unit is turned 'ON' and the controller switched from Position 0 through 5. The Sequence is repeated with each additional Unit until all units are 'ON' and sequence completed.

Input Voltage taken on Unit bus – Multimeter (CL2000)

Output Voltage on output from Controller to bus - Multimeter Output (1-1356-0034-1)

High Volts are taken at first Unit - MutliMeter High Volts (1-1356-0023-2)

Amperage readings taken inline at input to Controller - MultiMeter Amps (1-1356-0023-1)

Date: 2014-04-25    Tested by: Paul Mirowsky    Location of test: Bentax NA, Ringoes, NJ

Unit	Position	Controller		High Volts (X 1000)	Amps Cumulative
		Input	Output		
1-1612-0023-127	0	121.50 V AC	0.1 mV AC	0.200 mV AC	0.000A AC
	1	121.30 V AC	35.62 V AC	0.873 V AC	0.062A AC
	2	121.20 V AC	59.7 V AC	1.469 V AC	0.115A AC
	3	121.30 V AC	72.7 V AC	1.785 V AC	0.153A AC
	4	121.20 V AC	90.8 V AC	2.219 V AC	0.223A AC
	5	121.20 V AC	121.1 V AC	2.912 V AC	0.389A AC
1-1612-0023-128	0	121.50 V AC	0.1 mV AC	0.300 mV AC	0.000A AC
	1	121.40 V AC	35.62 V AC	0.874 V AC	0.089A AC

## BentaxNA pure air systems

Unit	Position	Controller		High Volts (X 1000)	Amps Cumulative
		Input	Output		
	2	121.40 V AC	59.8 V AC	1.471 V AC	0.172A AC
	3	121.30 V AC	72.6 V AC	1.784 V AC	0.237A AC
	4	121.10 V AC	90.6 V AC	2.213 V AC	0.361A AC
	5	120.80 V AC	120.5 V AC	2.896 V AC	0.646A AC
1-1612-0023-129	0	121.30 V AC	0.1 mV AC	0.200 mV AC	0.000A AC
	1	121.20 V AC	35.53 V AC	0.872 V AC	0.115A AC
	2	121.20 V AC	59.6 V AC	1.467 V AC	0.227A AC
	3	121.20 V AC	72.5 V AC	1.781 V AC	0.319A AC
	4	121.10 V AC	90.5 V AC	2.211 V AC	0.497A AC
	5	120.60 V AC	120.2 V AC	2.887 V AC	0.907A AC
1-1612-0023-130	0	121.10 V AC	0.1 mV AC	0.200 mV AC	0.000A AC
	1	121.10 V AC	35.53 V AC	0.871 V AC	0.142A AC
	2	121.10 V AC	59.6 V AC	1.465 V AC	0.284A AC
	3	121.20 V AC	72.4 V AC	1.779 V AC	0.406A AC
	4	121.00 V AC	90.3 V AC	2.206 V AC	0.642A AC
	5	120.40 V AC	119.8 V AC	2.880 V AC	1.178A AC
1-1612-0023-131	0	121.10 V AC	0.1 mV AC	0.300 mV AC	0.000A AC
	1	121.00 V AC	35.5 V AC	0.871 V AC	0.169A AC
	2	121.10 V AC	59.5 V AC	1.464 V AC	0.342A AC
	3	120.90 V AC	72.3 V AC	1.776 V AC	0.490A AC
	4	120.90 V AC	90.2 V AC	2.206 V AC	0.789A AC
	5	120.40 V AC	119.7 V AC	2.877 V AC	1.472A AC
1-1612-0023-132	0	121.30 V AC	0.1 mV AC	0.300 mV AC	0.000A AC
	1	121.40 V AC	35.59 V AC	0.874 V AC	0.197A AC
	2	121.30 V AC	59.6 V AC	1.467 V AC	0.403A AC
	3	121.30 V AC	72.5 V AC	1.781 V AC	0.582A AC
	4	121.00 V AC	90.2 V AC	2.205 V AC	0.936A AC
	5	120.20 V AC	119.6 V AC	2.871 V AC	1.736A AC
1-1612-0023-133	0	121.30 V AC	0.1 mV AC	0.200 mV AC	0.000A AC
	1	121.20 V AC	35.55 V AC	0.873 V AC	0.222A AC
	2	121.10 V AC	59.5 V AC	1.463 V AC	0.454A AC
	3	121.00 V AC	72.3 V AC	1.774 V AC	0.656A AC
	4	120.60 V AC	89.9 V AC	2.196 V AC	1.060A AC
	5	119.80 V AC	119 V AC	2.859 V AC	1.976A AC
1-1612-0023-134	0	121.10 V AC	0.1 mV AC	0.300 mV AC	0.000A AC
	1	121.10 V AC	35.51 V AC	0.870 V AC	0.247A AC
	2	121.00 V AC	59.4 V AC	1.461 V AC	0.509A AC
	3	121.00 V AC	72.2 V AC	1.774 V AC	0.740A AC
	4	120.70 V AC	89.9 V AC	2.195 V AC	1.200A AC
	5	119.80 V AC	118.9 V AC	2.855 V AC	2.253A AC
1-1612-0023-135	0	121.20 V AC	0.1 mV AC	0.200 mV AC	0.000A AC

## BentaxNA pure air systems

Unit	Position	Controller		High Volts (X 1000)	Amps Cumulative
		Input	Output		
	1	121.20 V AC	35.53 V AC	0.872 V AC	0.274A AC
	2	121.40 V AC	59.6 V AC	1.464 V AC	0.567A AC
	3	121.30 V AC	72.4 V AC	1.777 V AC	0.828A AC
	4	121.00 V AC	89.9 V AC	2.198 V AC	1.343A AC
	5	119.90 V AC	118.8 V AC	2.853 V AC	2.499A AC
1-1612-0023-137	0	121.70 V AC	0.1 mV AC	0.200 mV AC	0.000A AC
	1	121.30 V AC	35.62 V AC	0.873 V AC	0.301A AC
	2	121.20 V AC	59.6 V AC	1.466 V AC	0.625A AC
	3	120.80 V AC	72.4 V AC	1.779 V AC	0.913A AC
	4	120.50 V AC	89.6 V AC	2.190 V AC	1.471A AC
	5	119.20 V AC	118 V AC	2.835 V AC	2.744A AC