



AUTOMATIC MODEL  
SURFACE MOUNTED INSTRUCTIONS & WARRANTY  
MARCH 2003

KEY PART #	DESCRIPTION	KEY PART #	DESCRIPTION
1	20-056000K Complete cover, assembly, automatic, white	16	14-005075 Baseplate
2	28-055480K Grill, intake, white	17	38-055626K Nameplate
3	34-055007K Nozzle kit (5 pieces)		<b>Automatic Only</b>
4	28-005010 Grill, outlet	18	55-005656K Circuit board, IR, 120V - 240V
5	12-056248 Mesh, outlet	19	49-055149K Sensor Assembly (includes 30-055188) (new 1 slot)
6	54-005215 Thermostat		16-005665K Sensor Assembly (old 2 red eyes)
7	47-005104 Fan housing, lefthand	20	30-055188K Lens Assembly
8	22-005013 Fan, blower		<b>Heating Element</b>
9	47-005103 Fan, housing, righthand	21	21-055017K Element, 1700W, 120V
10	32-055235K Motor, induction, 120V 50/60 Hz 32-055238K Motor, induction, 208V, 240V, 50/60 Hz		21-055331K Element, 1700W, 208V
11	27-005129 Grommet, rubber		21-055317K Element, 1700W, 240V
12	46-006490 Screw, 10-32 x 3/4", Socket head		
13	46-005023 Screw, tamperproof		
14	56-005034 Security hex driver		
15	60-055023K Wiring harness		

**SURFACE INSTALLATION**

- Use the special Allen key supplied to loosen the mounting screws by turning clockwise. Remove the cover.
- Place the template against the wall at the desired location. Use the "height" chart to determine the recommended mounting height.
- Mark the location of the four (4) mounting bolt holes. When two (2) or more dryers are installed, they should be spaced no closer than 24" (60cm) from center to center.
- Attach the base firmly to the wall. For wood walls, use wood screws No. 16, 2 3/4" (70mm). For cement or brick walls, use expansion bolts 1/4" x 3" (6mm x 76mm). For hollow walls use toggle bolts, length dependent on wall thickness.
- Carry the conductor wire to the dryer and connect it to the terminal block. Remember all dryers should be fed by a three wire conductor. The neutral wire must be connected to the panel.
- Replace the cover. Do not overtighten the screws.

INSTALLATION MUST BE PERFORMED BY QUALIFIED ELECTRICAL PERSONNEL.

IN EUROPE INSTALLATION MUST BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT EDITION OF THE IEE WIRING REGULATIONS.

## Troubleshooting



### *If the dryer will not run:*

First ensure that the breaker supplying the dryer is operational.

If it is, disconnect the power and remove the dryer cover. Taking suitable precautions to avoid shock hazard, reconnect the power and check for voltage at the wire leads.

If there is power and the dryer will not run, replace the circuit board.

### *If the dryer cycles by itself, runs all the time, or is not sensitive enough:*

Ensure that there is no obstruction on or in front of the infra-red lens.

Disconnect the power. Remove the dryer cover and the screws holding the circuit board. Ensure that there are no obstructions between the infra-red "eyes" on the circuit board and the lens.

If the problem persists, replace the circuit board.

### *If the elements get hot but the fan motor does not turn:*

Disconnect the power. Remove the dryer cover and check for obstructions in the fan housings.

Damaged fans must be replaced.

If there are no obstructions, replace the motor.

### *If the fan motor runs but one of the elements does not get hot:*

Disconnect the power and remove the dryer cover. Check for loose or damaged wires.

Remove the access cover on the blower housing. Check the element for signs of burning or breakage.

Damaged elements must be replaced.

If the element does not appear damaged, disconnect it at the circuit board and check for continuity across the two element wires. An open circuit indicates damage to the integral temperature limit control. If this is the case, replace the element.

### Recommended Mounting Heights - cm. (inches)

From bottom edge of dryer

Men	116	(46)
Women	109	(43)
Children 4-7 years	78	(31)
Children 8-10 years	89	(35)
Children 11-13 years	99	(39)
Children 14-16 years	109	(43)
Disabled	94	(37)

### Cleaning and Maintenance

Proper maintenance should be performed on the units at least every 6 months under normal use.

- Disconnect the electrical supply
- Use the security hex driver to remove the three cover-mounting screws
- Remove the cover
- Clean all dust and lint from the interior of the dryer
- Replace the cover. Do not over tighten the screws
- Wipe the cover with a damp cloth. Never use abrasives to clean the cover

**Cleaning and maintenance must be performed by qualified electrical personnel.**

### WARRANTY

ALL OF OUR DRYERS ARE DESIGNED AND MANUFACTURED TO PROVIDE YEARS OF DEPENDABLE PERFORMANCE. COMPONENT PARTS ARE GUARANTEED TO BE FREE OF DEFECT IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF FIVE YEARS.\* THIS GUARANTEE WILL BE HONORED PROVIDED THAT THE DRYER IS INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE INSTRUCTIONS. PARTS DAMAGED DURING THE INSTALLATION ARE THE PURCHASER'S RESPONSIBILITY. THE COMPANY'S WARRANTY COVERS DEFECTS EXCLUSIVELY, AND ONLY LIABILITY FOR THE REPLACEMENT OF DEFECTIVE PARTS WILL BE ACCEPTED. THIS WARRANTY DOES NOT COVER WEAR AND TEAR, OR MISUSE AND ABUSE. TRANSPORTATION, FREIGHT COSTS AND LABOR ARE ALSO EXCLUDED. DEFECTIVE PARTS MUST BE RETURNED PREPAID, ACCOMPANIED BY THE UNIT SERIAL NUMBER, TO THE POINT OF PURCHASE. THIS WARRANTY IS GRANTED SOLELY TO THE ORIGINAL PURCHASER OF THE UNIT, AND IS SUBJECT TO REGISTRATION. (\*) THREE YEARS ON ELECTRONIC CONTROLS.