WARNING: THIS APPLIANCE MUST BE GROUNDED!

AUTOMATIC / PUSHBUTTON MODEL
SURFACE MOUNTED INSTRUCTIONS & WARRANTY

KEY PART#  DESCRIPTION
1  17-055260  Wall Box (Not Shown)
2  20-052000K  Complete cover assembly, pushbutton, white
3  20-053000K  Complete cover assembly, automatic, white
4  34-055007K  Nozzle (5 pieces)
5  28-005010  Grill, outlet
6  12-056248  Mesh, outlet
7  54-005215  Thermostat
8  47-005104  Fan housing, left hand
9  22-005013  Fan, blower
10  47-005103  Fan housing, right hand
11  32-055235K  Motor, induction, 120V, 30/60 Hz
12  32-055238K  Motor, induction, 208V, 240V, 50/60 Hz
13  32-056742K  Motor, brush type, kit
14  27-005129  Grommet, rubber
15  59-005225  Washer, flat, 3/8” ID x 7/8”
16  59-005224  Shoulder bushing
17  46-005023  Screw, tamperproof
18  56-005034  Security hex driver
19  60-055023K  Wiring harness

KEY PART#  DESCRIPTION
16  42-055005K  Pushbutton assembly
17  34-055005K  Nameplate (specify)
18  23-05303  Circlip, pushbutton
19  55-055625K  Micro switch adjustable timer, 120V - 240V
20  55-005656K  Circuit board, IR, 120V - 240V
21  49-055149K  Sensor Assembly (new one eye)
22  16-005655K  Sensor Assembly (2 red eyes - old type)
23  30-055188K  Lens, assembly

Heating Element
23  21-055017K  Element, 1700W, 120V
24  21-055331K  Element, 1700W, 208V
25  21-055317K  Element, 1700W, 240V
26  21-055499K  Element, 2000W, 120V PLUS
27  21-055456K  Element, 2000W, 208V PLUS
28  21-055050K  Element, 2000W, 240V PLUS

INSTALLATION

- Use the special Allen key supplied to loosen the mounting screws. 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 4 mounting bolt holes. When 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. Shim up to measured levelness.
- 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.

Nova Hand Dryers * One Hand Dryer Lane, Berkeley, IL 60163 * Phone: (708) 449-1469 * Fax: (708) 449-1849 * www.novahanddryers.com
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

<table>
<thead>
<tr>
<th>Group</th>
<th>Height (cm)</th>
<th>Height (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men</td>
<td>116</td>
<td>46</td>
</tr>
<tr>
<td>Women</td>
<td>109</td>
<td>43</td>
</tr>
<tr>
<td>Children 4-7 years</td>
<td>78</td>
<td>31</td>
</tr>
<tr>
<td>Children 8-16 years</td>
<td>89</td>
<td>35</td>
</tr>
<tr>
<td>Children 11-13 years</td>
<td>99</td>
<td>39</td>
</tr>
<tr>
<td>Children 14-16 years</td>
<td>109</td>
<td>43</td>
</tr>
<tr>
<td>Disabled</td>
<td>94</td>
<td>37</td>
</tr>
</tbody>
</table>

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 overtighten the screws
- Wipe the cover with a damp cloth. Never use abrasives to clean the cover

Cleaning and maintenance must be performed by qualified 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.