HYGIENE
STANDARD RANGE

- The attractive, neat design blends in to any type of bathroom environment.
- Strong, shockproof, UV-proof, ABS outer structure, silent operation, easy to install and maintain.
- Cover closed with Allen-head screws to avoid misuse (key provided).

Design: F. Trabucco and M. Vecchi

AUTOMATIC AND MANUAL HAND-DRIERS

- Delivered air dries hands in 20-30 seconds.
- IPX4 protection.
- Thermal-protected induction motor with overheat safety provision including protective thermo fuse.
- Complies with the CEI EN 60335-2-23/1997 standards.

AUTOMATIC SOAP DISPENSER

- IP24 protection.
- Easy to load with any type of liquid hand soap. Covered soap container to avoid evaporation. Indicator light turns on when liquid level is low.
- New concept peristaltic, anti-drip pump for reliable soap dispensing.
- Complies with the CEI EN 60335-1/1995 +A1 +A12 standards.
- Full load: 1325 measures of soap.
- Drip-tray and installation fixings supplied.

Wiring diagrams shown on page XXIII.

Dimensions (mm)

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
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<tr>
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### Product Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Hz</th>
<th>V</th>
<th>W</th>
<th>Watt motor</th>
<th>A</th>
<th>Soap Capacity (l)</th>
<th>Delivery m³/h</th>
<th>Approvals</th>
<th>Kg</th>
<th>Insulation</th>
<th>IP</th>
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</table>
The attractive, neat design blends in to any type of bathroom environment.

- The outer structure is made of melamine, a thermohardening flame-resistant resin that has a very high abrasion resistance.
- Runs silently and is easy to install and maintain.
- Cover locked with Allen key to avoid misuse (key provided).

*Design: F. Trabucco and M. Vecchi*

**HAND-DRIER**
- Drying time in 20-30 seconds.
- IPX4 protection.
- Thermal-protected induction motor with overheat safety provision and protective thermo fuse.
- Complies with the CEI EN 60335-2-23/1997 standards.

**AUTOMATIC SOAP DISPENSER**
- IP24 protection.
- Easy to load with any type of liquid hand soap. Covered soap container to avoid evaporation. Indicator light turns on when liquid level is low.
- New concept peristaltic, anti-drip pump for reliable soap dispensing.
- Complies with the CEI EN 60335-1/1995 +A1 +A12 standards.
- Full load: 1325 measures of soap.
- Drip-tray and installation fixings supplied.

Wiring diagrams shown on page XXIII.

- Resistant to shock, scratch and cigarette burns.
- The AHDR is supplied with an infrared sensor which activates automatically whenever hands are put within the sensor range (trimmer adjustable between 0 and 35 cm).
- The ASDR has an adjustable infrared sensor which activates automatically whenever hands are put within the sensor range (0-10 cm).

### Dimensions (mm)

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Hz</th>
<th>V</th>
<th>W</th>
<th>Watt motor</th>
<th>A</th>
<th>Soap Capacity (l)</th>
<th>Delivery</th>
<th>Approvals</th>
<th>kg</th>
<th>Insulation</th>
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<td>24</td>
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</table>
Eco Series

- New line of attractive, elegantly designed units that are particularly suited to the more refined environments.
- Strong, shockproof, UV-proof, ABS outer structure, silent operation, easy to install and maintain.
- Security key for opening and closing supplied.

Design: F. Trabucco and M. Vecchi

Automatic and Manual Hand-Driers

- Drying time in 20-30 seconds.
- IPX4 protection.
- Thermal-protected induction motor with overheat safety provision and protective thermo fuse.
- Complies with the CEI EN 60335-1/1995 +A1 +A12 standards.

Automatic Soap Dispenser

- IP24 protection.
- Easy to load with any type of liquid hand soap. Covered soap container to avoid evaporation. Indicator light turns on when liquid level is very low.
- New concept peristaltic, anti-drip pump for reliable soap dispensing.
- Full load: 1325 measures of soap.
- Complies with the CEI EN 60335-1/1995 +A1 +A12 standards.
- Drip-tray and installation fixings supplied.

Wiring diagrams shown on page XXIII.

Dimensions (mm)

<table>
<thead>
<tr>
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<th>A</th>
<th>B</th>
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<td>Ecsoap Vortice</td>
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<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Hz</th>
<th>V</th>
<th>W</th>
<th>Watt motor</th>
<th>A</th>
<th>Soap Capacity (l)</th>
<th>Delivery m³/h</th>
<th>Approval</th>
<th>kg</th>
<th>Insulation</th>
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<td>2</td>
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</table>

The Ecodry Vortice® is supplied with an infrared sensor that activates automatically whenever the hands are put within the sensor range (trimmer adjustable between 0 and 35 cm).

The EcoDry Red Vortice® is activated by pressing the red button. The drying time can be programmed to last between 20 and 60 seconds by adjusting the internal trimmer.

The EcoSoap Vortice® has an adjustable infrared sensor which activates automatically whenever hands are put within the sensor range (0-10 cm).
## SOFT DRY® RANGE

- Compact and attractively designed these units are suitable for installation in toilets and bathrooms in hotels, communities, sports facilities and private homes.
- Strong, shock-resistant, ABS resin outer structure. The curved lines prevent the dryer being damaged by cigarettes accidentally left resting on them.
- The air temperature is set to ensure complete safety with regard to skin and hair (conforms to CEI EN 60335-2-23/1997).
- The anti-slip, rotating grip has a double chamber that prevents the surface for overheating.
- The polyurethane hose is 50 cm long (extendable to a max. of 135 cm.).
- 900 W heating element with thermal cut-out protection.

*Concept: A.P., Design: A.P. and A. Dematteis*

Wiring diagrams shown on page XXII.

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### Dimensions (mm)

<table>
<thead>
<tr>
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<th>D</th>
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### Dimensions

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<thead>
<tr>
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<th>Code</th>
<th>V</th>
<th>W</th>
<th>Hz</th>
<th>W motor</th>
<th>A</th>
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<th>Approvals</th>
<th>kg</th>
<th>Insulation</th>
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<td>Soft Dry Plus</td>
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<td>230</td>
<td>900</td>
<td>50/60</td>
<td>100</td>
<td>4</td>
<td>60</td>
<td>16.7</td>
<td>2.1</td>
<td>cl.II</td>
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</table>

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1. The unit is activated by unhooking the grip and pulling it towards you. The unit will also turn off if the grip is dropped or left hanging.
2. The SOFT DRY® PLUS has two electric razor sockets, a 230V socket for European users and a 115V socket for American users. Plugging in any appliance with a rating exceeding 10W will automatically cut off the power.
COMPACT WALL-Mounting HAIR-DRYERS WITH FLEXIBLE HOSE, RAZOR SOCKETS AND TIMER. UNIQUE DESIGN.

VORTDRY® RANGE

- Silent and stylish, the new hairdryers are safe and easy to use. Internal parts have been carefully designed to guarantee a consistent and regular flow of hot air and reduce noise to a minimum. The new hairdryers come in four models with or without razor sockets and timer.
- The polyurethane hose with a metal spiral is 50 cm long but can be extended up to 125 cm to provide even more comfort to the user.
- The external case in ABS resin is particularly robust and is resistant to impact and UV rays. Its high performance motor and resistor are protected against overheating.

Dimensions (mm)

- All hairdryers are supplied with a two-year warranty.
- Models fitted with a timer have an automatic cut-out that turns the hairdryer off after 8 minutes of continuous operation to prevent power wastage.
- The air temperature is calibrated to guarantee the utmost safety of the skin and hair (in accordance with the safety requirements of standard EN 60335-1-2-23). Hairdryers are CE marked and approved by IMQ, the Italian body for quality brands.
- Design: Trabucco & Ass.

Wiring diagrams shown on page XXIII.

An automatic safety cut-out turns the hairdryer off when it is connected to razors with a power greater than 10 W.

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>V 50/60 Hz</th>
<th>W</th>
<th>W motor</th>
<th>A</th>
<th>Delivery m³/h</th>
<th>l/s</th>
<th>Approvals</th>
<th>kg</th>
<th>Insulation</th>
<th>IP</th>
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<td>⚫</td>
<td>1.90</td>
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</table>

➀ Ergonomic grip with special shape and internal nylon coating to provide an even distribution of hot air.

➁ Plus models have two razor sockets suitable for European, Australian and American shaver plugs, with voltage ranging from 230 V to 115 V.

Design: Trabucco & Ass.

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**Easy Dry® Range**

- Suitable for all sports facilities including swimming pools, saunas, community centres, etc. and anywhere where an efficient, rapid drying service is required.
- Strong, shock-resistant. ABS resin outer structure. Silent operation, easy to install and maintain.
- The air flow rate and temperature are designed to provide comfortable, fast, safe hair-drying (in conformance with CEI EN 60335-2-23/1997).
- At 40 cm from the nozzle, the outlet heated air cone has a diameter of 20-25 cm (as shown by tests with a 1 m/s air flow rate). The automatic model has a trimmer that allows the adjustment of this cone to suit any particular requirements.
- IPX4 protection.
- Thermal-protected induction motor and electrical resistance with overheat safety provision (turns unit off after 5-10 minutes) and protective thermo fuse.
- Security key for opening and closing supplied.

*Design: F. Trabucco and M. Vecchi*

Wiring diagrams shown on page XXIII.

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**Dimensions (mm)**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<th>Code</th>
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<th>Hz</th>
<th>W motor</th>
<th>A</th>
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<th>kg</th>
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<td>![CEI][1]</td>
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1. The Easy Dry® Red is activated by pressing the red button. The drying time can be programmed to last between 1 and 8 minutes by adjusting the internal trimmer.
2. The Easy Dry® is provided with an infrared sensor that activates automatically whenever a person puts their head under the grille (trimmer adjustable between 0 and 35 cm).
The Air We Work in is Always Being Replaced.

Vortice® research has produced lightweight extractor fans for industrial premises, where the air being breathed has to be controlled as much as possible. These industrial fans include the axial Vortice E “Black Hub” range for extracting directly to the outside, the medium pressure MP “Red Hub” fan designed for extracting into ducting, plus the medium-pressure Vortice MPC “Long Cased Red Hub” range. In addition, Vortice® produces the Vortice® Centrifugal C Range for OEM use and the three Torrette Range models, two of which are roof-mounted industrial centrifugal fans used to extract to the outside or through ducting, and the third is the TR-ED, for the radial extraction of hot fumes.