

CLASSICS



■ **The Optimal Dry range provides automatic and manual hand dryers with a hard-wearing and attractively designed plastic casing, which makes them suitable for use in prestigious buildings.**

■ **The printed circuit boards have been specifically designed and tested to guarantee long-term operation.**

- Easier installation and maintenance.
- Electrically insulated splashproof IPX4.
- UV resistant ABS plastic.
- New Printed Circuit board.
- Dust filter.
- Low noise.
- Maximum safety.
- Approved by IMQ
- Compliance to standards: please see page 194

AUTOMATIC START-UP

- Fitted with an infra-red sensor which starts the dryer automatically when hands enter the sensor detection field: this can be adjusted using a "trimmer" inside the product.

MANUAL HAND DRYERS

- This is activated by pressing the button, which is protected against improper and violent use. The air can be programmed to operate from 20 to 60 seconds.

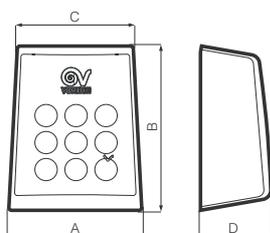
Design: F. Trabucco & Associati

Wiring diagrams shown on page XXXIII.



- ① Only 3 fixing screws
- ② Clip arrangement allows simple installation and fixing of the motor assembly within the back plate.
- ③ The front cover is locked by a single socket-head screw, allen-key included.

Dimensions (mm)



| | A | B | C | D |
|----------------------|-----|-----|-----|-----|
| Optimal Dry A | 319 | 253 | 220 | 135 |
| Optimal Dry | 319 | 253 | 220 | 135 |

Supply and Install the Optimal Dry or the Optimal Dry A, for installation on walls, as manufactured exclusively by Vortice only for Vortice. For quick installation the unit should require only 3 screws which allow secure fixing even if wall surfaces are not even. The Optimal Dry A to be operated by an Infrared sensing device when hands are placed within range of the sensor- the range to be adjustable between 0 and 35cm by adjusting the internal trimmer. The Optimal Dry to be manually operated by pressing the black button. The air delivery should be programmable to operate from 20 to 60 seconds. It should be tested and certified as IPX4 (splash proof) with all performance data third party IMQ (BEAB recognised equivalent) verified.

The dryer should be manufactured from anti-UV ABS plastic, with a lockable cover (key provided). The motor should be a thermally protected induction motor with an overheat, safety thermostat and include a thermal cut out device. In addition, the heating element should automatically cut out when the button or infrared beam system is blocked, either voluntarily in involuntarily, or if the nozzle is blocked. A dust filter should be integral to the unit. A system of flow feeders inside the delivery nozzles should distribute the air evenly. The dryer should have a 2kW heating element, and airflow delivery in free air of 47.2 l/s and a decibel rating of no more than 61.4dB(A) at 1metre.

| Product | Code | Hz | V | W | Watt motor | A | Delivery | | Approvals | kg | Insulation | IP | IK | Noise Level (at 1 m) dB(A) |
|---------------|-------|-------|---------|------|------------|---|-------------------|------|-----------|-----|------------|----|----|----------------------------|
| | | | | | | | m ³ /h | l/s | | | | | | |
| Optimal Dry A | 19229 | 50/60 | 220-240 | 2000 | 65 | 9 | 170 | 47.2 | | 2.6 | cl.II | X4 | 9 | 61.4 |
| Optimal Dry | 19226 | 50/60 | 220-240 | 2000 | 65 | 9 | 170 | 47.2 | | 2.6 | cl.II | X4 | 9 | 61.4 |