





HEADQUARTERS

Our current Vortice Headquarters have been located in Tribiano (Milan) since 1972.

Vortice main company's philosopy is the concept that "air is our life". Our mission is always to provide effective solutions for improved air quality using the latest technology to develop and manufacture effective products worldwide.

Vortice has achieved European market leadership by dedicating their efforts to the production of products for ventilation, climate control, heating, extraction, purification and the treatment of air, for domestic, commercial and industrial applications. Since 1954 Vortice has been synonymous with quality and excellence and continues to make significant improvements by investing in continuous research to improve the efficiency and quality of its products.



VORTICE IN THE WORLD



Founded in 1974, Vortice France is located at Crétail about 10 Km from Paris.



Founded in 1977, Vortice Limited is located at Burton on Trent in the East Midlands.



2010 - Our Moscow representative office was established.



Founded in 2012, Vortice Ventilation System is located about 200 Km from Shanghai.



Founded in 2012, Vortice Latam in San Josè Costarica.

INDFX

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LEGEND 04

METAL DRY RANGE 06

Automatic and manual hand dryer

10 **OPTIMAL** RANGE

Automatic and manual hand dryer

OPTIMAL DRY AUTOMATIC WHITE GOLD 14

Automatic hand dryer

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Automatic and manual hand dryer

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Hair dryers with flexible hose

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Automatic and manual hair and hand dryers

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Gun-type hair dryer

38 **PREMIUM** RANGE

Automatic soap dispenser

CE MARKING

Commercial Ventilation appliances conform to the following European Directives:

- 2006/42/EC Machines Directive (MD)
- 2006/95/EC Low Voltage Directive (LVD)
- 2004/108/EC Electromagnetic Compatibility Directive (EMC)
 2009/125/EC ErP Directive, Ecocompatible design of energy-related products in accordance with EU regulation 327/2011.

SAFETY: EMC: EN 55014-1 EN 60335-1 EN 60335-2-23 EN 55014-2 EN 60335-2-30 EN 61000-3-2 EN 62233 EN 61000-3-3



LEGEND



ErP COMPLIANT

The ErP compliant logo indicates that the appliance is ecocompatible and adheres to the ErP directive 2009/125/CE.



ENERGY SAVING

ES label means that the appliance is fitted with EC Brushless motor and provides high energy savings, thanks to a wide range of speed regulation options and very low consumption levels.



SAFE

The IMQ (Italian Mark Institute) mark certifies that the product is manufactured in compliance with the provisions of relevant established safety standards and directives.



LONG LIFE 30,000 H

This special configuration with motor equipped with ball bearings allows the appliance to be run continuously, and ensures efficient, silent operation throughout its service life. The Long Life 30000 h label certifies that the appliance is guaranteed to operate for 30,000 hours continuously without mechanical failure.



QUICK INSTALL

Only requires 3 anchor plugs plus a safety screw. This allows secure fixing even if wall surfaces are not even.



EASIER AND QUICKER MAINTENANCE

The casings and heating units are exceptionally easy to remove, leaving the frame fixed to the wall to enable rapid reassembly.



MANUAL START-UP

Pushbutton operated. Air delivery can be programmed to operate from 20 to 60 seconds.



AUTOMATIC START-UP

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



AUTOMATIC SAFETY SWITCH-OFF

The heating element automatically cuts out to prevent damage when the button or infrared beam system is blocked either voluntarily or involuntarily or if the air nozzle is blocked. The controller is equipped with a timer programmable from 5 to 10 minutes, to protect against vandalism.



LOW POWER CONSUMPTION

Optimised power consumption, temperature and flow rate. Rapid drying without using excess energy.



AIR DISTRIBUTION

A system of flow feeders inside the delivery nozzles distributes the air evenly.



DUST FILTER

A special integral metal filter in all new models helps to prevent dust from entering and damaging the appliance.



COVER WITH ANTI-VANDAL LOCK

Made of extremely robust, impactresistant materials, opens for cleaning with the provided key (Allen wrench): this prevents unauthorized access to the unit's interior.



RESISTANT TO CIGARETTE BURNS.



SCRATCH-RESISTANT PAINT

The special paint keeps the product clean at all times, even when attacked with spray paint or indelible markers.



UV STABILIZED

Made of UV resistant ABS plastic. Always look their best.



ELECTRICALLY INSULATED 360° SPLASHPROOOF

The product is water spray resistant to EN 60529.



IK TEST

Tested to withstand even the hardest impact (IK Test). The strength values given in this brochure refer to tests carried out in the central front part of the products.



METAL DRY RANGE

Automatic and manual vandal-resistant hand dryer

PRODUCT SPECIFICATIONS



Long LIFE 30.000 h



Ideal for high traffic public facilities like service stations, discos, etc...

- 3 models: automatic and manual.
- Die cast aluminium front cover, protected by scratch resistant paint, cover with anti-vandal lock.
- Automatically shuts off when the intake grille or nozzle are accidentally or intentionally blocked.
- The motor is designed to drastically reduce maintenance requirements and costs, and provides long service and reliability.
- The flow, speed and temperature of the air combine to ensure quick drying.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IP44
- Insulation calss: CI.II □

























METAL DRY A cod. 19220



METAL DRY cod. 19221



METAL DRY ULTRA A cod. 19230



METAL DRY SUPER A cod. 19231

KEY FEATURES

- Anti-vandal: tamper resistant, scratch resistant paint mechanical strength.
- The 360° adjustable nozzle allows the air flow to be directed in any direction.
- Manual version: button operated. Air delivery can be programmed to operate from 20 to 60 seconds.
- Automatic start-up: fitted with an infra-red device that starts the products automatically when hands enter the sensor detection field: this can be adjusted using a "trimmer" inside the product (from 0 to 35 cm).
- Metal Dry SuperA is the most powerful model in the Metal Dry range.
- Outstanding performance (2350 W) and long service life (30,000 h) thanks to the use of an electronically controlled brushless motor which provides the high output of a traditional commutator motor without the reduced life caused by brush wear.
- The die-cast painted aluminium front panel and the orientable nozzle ensure perfect efficiency throughout the product's long service life, as well as pleasing styling.



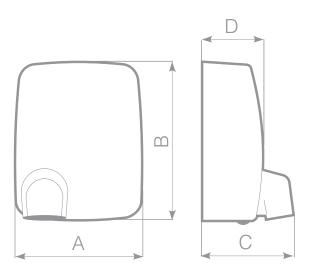
METAL DRY RANGE

Automatic and manual vandal-resistant hand dryer

TECHNICAL DATA =

				۱۸/	W	^	Max A	Airflow	Lp	W		
Models	Code	V	Hz	W total	motor	A max	m³/h	l/s	dB(A) 1m	stand-by	IK	Kg
METAL DRY	19221									0.2796		
METAL DRY A	19220	220-240	50/60	1950	140	8.5	190	53	69.8	0.2790	10	6.9
METAL DRY ULTRA A	19230	220-240	30/60					55		n.d.	10	0.9
METAL DRY SUPER A	19231			2350	150	10.2	250		75	Ti.d.		

DIMENSIONS



Models	Code	А	В	С	D
METAL DRY	19221	280			
METAL DRY A	19220		225	000	120
METAL DRY ULTRA A	19230		335	202	139
METAL DRY SUPER A	19231				

Dimensions (mm)







OPTIMAL DRY RANGE

automatic hand dryer with reinforced casing

PRODUCT SPECIFICATIONS



A pleasing, elegant design which makes the unit ideal for high class installations.

- 4 models: automatic and manual.
- Optimal Dry A and Optimal Dry: UV resistant ABS housing.
- Optimal Dry R A: the housing is made of a thermally hardened rein with very high mechanical strength, thus making it highly suited to public installations like discos and hotels.
- The **Optimal Dry Metal**'s front cover is made of stainless steel to give the combination of style and robustness normally required for appliances used in public spaces.
- Compact size.
- Automatically shuts off when the intake grille or nozzle are accidentally or intentionally blocked.
- The induction motor is equipped with thermal cutout and the heating element with overload protection devices: automatic reset thermal cutout and thermal fuse.
- Dust filter: protects internal parts and guarantees reliable, low maintenance operation.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IP44
- Insulation calss: CI.II □





























OPTIMAL DRY A cod. 19229



OPTIMAL DRY R A cod. 19227



OPTIMAL DRY METAL cod. 19235



OPTIMAL DRY cod. 19226

KEY FEATURES

- Optimal Dry R A: Characteristic asymmetrical design.
- Low maintenance.
- Manual start-up: button operated. Air delivery can be programmed to operate from 20 to 60 seconds.
- Automatic start-up: fitted with an infra-red device that starts the products automatically when hands enter the sensor detection field: this can be adjusted using a "trimmer" inside the product (from 0 to 35 cm).



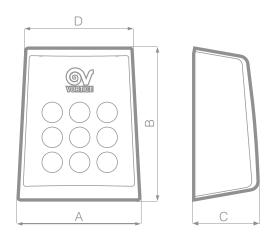
OPTIMAL DRY RANGE

automatic hand dryer with reinforced casing

TECHNICAL DATA

Models	Code	V	Hz	W total	W motor	A max	Max A	Airflow I/s	Lp dB(A) 1m	W stand-by	IK	Kg
OPTIMAL DRY A	19229										9	2.6
OPTIMAL DRY R A	19227	000 040	50/60	2000	65	9	170	47	61.4	0.4550	9	3.2
OPTIMAL DRY METAL	19235	220-240			00				01.4	0.4550	10	3.2
OPTIMAL DRY	19226										9	2.6

DIMENSIONS



D		
Volume	<u>a</u>	
A		C
	•	E

В

320

С

130

254

Е

115

Code

19227

321

Models	Code	Α	В	С	D
OPTIMAL DRY A	19229				
OPTIMAL DRY METAL	19235	253	319	135	220
OPTIMAL DRY	19226				

Quote (mm)

Models

OPTIMAL DRY R A

Dimensions (mm)









OPTIMAL DRY AUTOMATIC WHITE GOLD

Automatic hand dryer

PRODUCT SPECIFICATIONS



Automatic hand dryer ideal, by virtue of its small size as well as distinctive design and finishing, for installation in elegant service rooms.

- 1 model: automatic.
- UV resistant ABS made housing.
- Stylish, metallic mirror finish in white gold color, obtained through advanced technologies providing attractive and distinctive style, durability and wear resistance.
- Ball bearing AC motor equipped with thermal cutout, virtually maintenance free.
- Heating element equipped with double protection against overload consisting of automatic reset thermal cutout and thermal fuse.
- Dust filter to protect inner components, ensuring long term reliability and reducing maintenance needs.
- Security certified by IMQ
- Protection rating: IPX4
- Insulation class: CI.II □; the appliance does not require grounding.

























KEY FEATURES

- Exclusive aesthetics.
- Compact size, facilitating installation in small sized rooms too.
- Automatic operation: the product is fitted with an infra-red device that automatically starts the product when hands enter the sensor detection field; sensor sensitivity can be adjusted (from 0 to 35 cm), by means of a trimmer mounted on inner PCB.
- Safe and reliable use, thanks to devices protecting motor and heating element.

- Anti-vandal protection: the product automatically stops when intake grill and/or nozzle are, accidentally or intentionally, blocked.
- Easy installation and maintenance: all inner components are directly accessible by removing the front cover.
- Low emissions of pollutants: absence of universal motor brushes prevents dispersion in air of carbon residues.





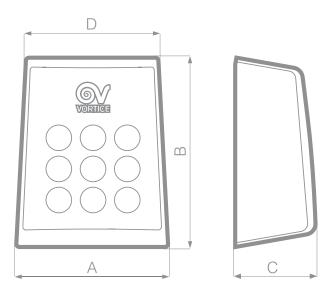
OPTIMAL DRY AUTOMATIC WHITE GOLD

Automatic hand dryer

TECHNICAL DATA

							Max A	irflow	Lp			
Models	Code	V	Hz	W total	W motor	Max	m³/h	l/s	dB(A)	W stand-by	IK	Kg
OPTIMAL DRY AUTOMATIC WHITE GOLD	19218	220-240	50/60	2000	65	9	170	47	61.4	0.4550	9	2.6

DIMENSIONS



Models	Code	А	В	С	D
OPTIMAL DRY AUTOMATIC WHITE GOLD	19218	253	319	135	220

Dimensions (mm)







PREMIUM RANGE

Automatic and manual hand dryers

PRODUCT SPECIFICATIONS



Ideal for use in school and nuerseries.

- 2 models: automatic and manual.
- ABS UV-resistant plastic.
- Compact size.
- Low operating noise: 55.2 Lp dB(A) for both models.
- Low power consumption: 1350 W for both models.
- Automatically shuts off when the intake grille or nozzle are accidentally or intentionally blocked.
- Dust filter: protects internal parts and guarantees reliable, low maintenance operation.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IP44
- Insulation calss: CI.II



























PREMIUM DRY A cod. 19224



PREMIUM DRY cod. 19225

KEY FEATURES

- Low maintenance.
- Manual start-up: button operated. Air delivery can be programmed to operate from 20 to 60 seconds.
- Automatic start-up: fitted with an infra-red device that starts the products automatically when hands enter the sensor detection field: this can be adjusted using a "trimmer" inside the product (from 0 to 35 cm).



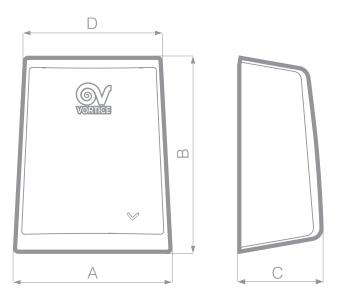
PREMIUM RANGE

Automatic and manual hand dryers

TECHNICAL DATA

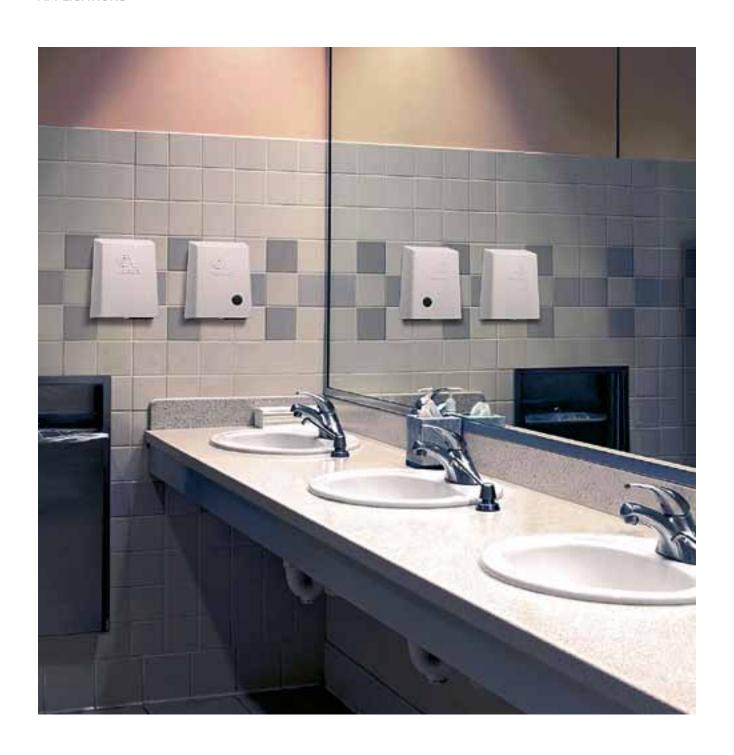
							Max A	Airflow	Lp			
Models	Code	V	Hz	W total	W motor	A max	m³/h	l/s	dB(A) 1m	W stand-by	IK	Kg
PREMIUM DRY A	19224	220-240	50/60	1250	45	5.5	120	35	55.2	0.4550	0	2.3
PREMIUM DRY	19225	220-240	50/60	1350	45	5.5	120	33	55.2	0.4060	9	2.3

DIMENSIONS



Models	Code	А	В	С	D
PREMIUM DRY A	19224	253	319	135	220
PREMIUM DRY	19225	253	319	135	220

Dimensions (mm)







VORT SUPER DRY RANGE

Air jet hand dryers

PRODUCT SPECIFICATIONS



LONG LIFE 30.000 h





Especially suitable for high installations, typically motorway restrooms, hotels, restaurants fitness centres, etc.

- 2 models: white and silver finishing.
- Casing moulded from non-flammable ABS.
- The operating status of the appliance is shown by a set of indicator lights, which also serve as error warning lights.
- A display shows the drying time countdown.
- Equipped with EC brushless motor.
- Control panel located on the left side of the casing.
- Heater ON/OFF: when high ambient temperatures render the use of hot air unnecessary, a switch located on the left side of the appliance can be pressed to deactivate the electrical heating element and save energy.
- Anti-vandal protection. The appliance shuts off automatically if used continuously for more than 25 seconds.
- Safety features incorporated into the electronic circuit board protect against overheating, overload and short-circuits.
- Accessories supplied: drainage tank and air filter.
- Maximum operating temperature 40 °C.
- Easy installation and maintenance.
- Protection rating: IPX4
- Insulation calss: CI.I ⊕























VORT SUPER DRY B cod. 70905



VORT SUPER DRY G cod. 70906

KEY FEATURES

- Ergonomic design. Hands can be easily inserted and removed without difficulty thanks to the shape of the slot, which is open on both sides and angled forward by 15°.
- Easy and practical: simply place the hands in the slot, and they will be dried on both sides at the same time by powerful jets of air. The Vort Super Dry stops automatically when hands are withdrawn.
- Very fast: only 10 seconds, thanks to the powerful dual air stream generated by the EC brushless motor.
- Low maintenance requirement guaranteed by an EC (electronically commutated) brushless motor combining high performance with relatively low energy consumption, and requiring minimal service.
- User safe: Touch-free operation. Electronic circuitry designed with built-in protection features.
- Anti-vandal protection.





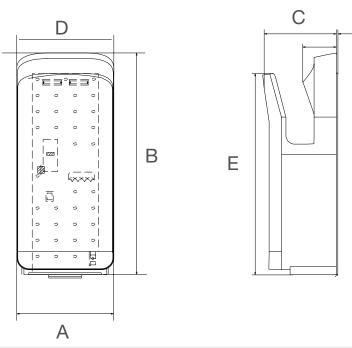
VORT SUPER DRY RANGE

Air jet hand dryers

TECHNICAL DATA

Models	Code V		W	W	А	Max A	Max Airflow		W			
		V	Hz	total	motor	max	m³/h	l/s	dB(A) 1m	stand-by	IK	Kg
VORT SUPER DRY B	70905	220-240	50/60	1650/2050	750	8.7			8.7	_		11
VORT SUPER DRY G	70906	220-240	30/00	1030/2030	730	0.7	-	_	0.7	_	-	11

DIMENSIONS



Models	Code	А	В	С	D	Е
VORT SUPER DRY B	70905	270	685	220	300	623
VORT SUPER DRY G	70906	270	003	220	300	023

Dimensions (mm)







VORTDRY RANGE

Wall-mounted hair dryers with flexible hose

PRODUCT SPECIFICATIONS



Its modern, compact design make it ideal for use in hotels and the home.

- 3 modelli: automatic with and without razor socket.
- Plus version equipped with razor sockets for 230 V / 50 Hz and 110 V / 60 Hz power, with overload protection.
- Jet version equipped with Induction motor designed for heavy duty use over long periods of time.
- Front cover in self-extinguishing V0 ABS resin.
- Flexible spiral PVC hose. Hose extends from 500 to 1600 mm
- The blower's ergonomic design ensures a sure grip even with wet hands. Its internal core prevents overheating, which can be uncomfortable when used for a long time.
- The heating element is protected by two safety devices (automatic reset thermal cutout and thermal fuse).
- Integrated automatic stop: the unit switches off when the blower is replaced, or after around 20 minutes of continuous operation.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IPX4
- Insulation calss: CI.II □



















HAIR DRYER



VORTDRY 1000 JET cod. 70919

KEY FEATURES

- Washable dust filter: protects internal parts and guarantees reliable, low maintenance operation.
- Turned on simply by unhooking the blower and pulling it towards you, and turned off when hooked up.
- Its high air flow and special nozzle design are optimized for quick drying.



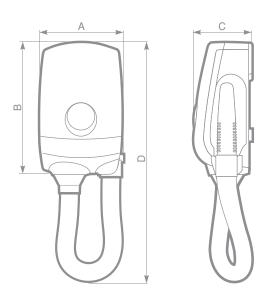
VORTDRY RANGE

Wall-mounted hair dryers with flexible hose

TECHNICAL DATA =

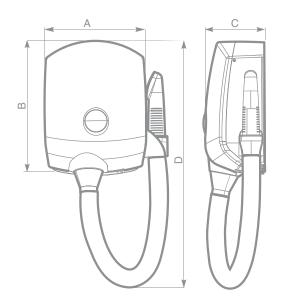
Models Cod	Code	V	Hz	W	W	A		Airflow	Lp dB(A)	W stand by	IK	Kg
				total	motor	max	m³/h	l/s	1m	stand-by		
VORTDRY 1000	70920			1000	120	4.7	114	31.6	68	0.5050	6	1.5
VORTDRY 1000 PLUS	70921	230	50			4.7	114	31.0	00	0.5050	0	1.9
VORTDRY 1000 JET	70919			800	90	3.5	190*	52.7*	62	0.5110	9	3.2

DIMENSIONS



Models	Code	Α	В	С	D
VORTDRY 1000	70920	190	300	130	550
VORTDRY 1000 PLUS	70921	190	300	130	

Dimensions (mm)



Models	Code	А	В	С	D
VORTDRY 1000 JET	70919	320	380	160	560

Dimensions (mm)

HAIR DRYER









EASY DRY DUAL RANGE

Automatic and manual hair and hand dryers

PRODUCT SPECIFICATIONS



Especially suited to heavy duty use in wellness centres, sports centres, swimming pools and gyms.

- 1 model manual versions.
- Can be used in DUAL mode, both as hairdryers and hand dryers.
- Front cover in self-extinguishing V0 ABS resin.
- Induction motor designed for heavy duty use over long periods of time.
- The heating element is protected by safety device (automatic reset thermal cutout).
- Washable dust filter: protects internal parts and guarantees reliable, low maintenance operation.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IPX4
- Insulation calss: CI.II □























HAIR DRYER



31





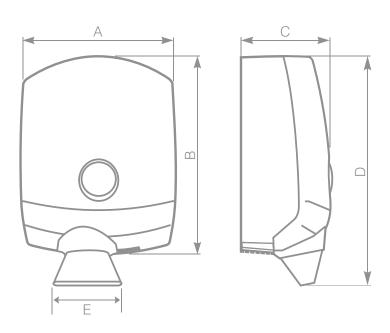
EASY DRY DUAL RANGE

Automatic and manual hair and hand dryers

TECHNICAL DATA

						Max Airflow		Lp				
Models	Code	V	Hz	W total	W motor	A max	m³/h	l/s	dB(A) 1m	W stand-by	IK	Kg
EASY DRY DUAL 1300	19207	230	50	1300	90	5.6	190*	52.7*	59.4	0.5090	9	2.4

DIMENSIONS



Models	Code	А	В	С	D	Е
EASY DRY DUAL 1300	19207	248	240	160	380	110

Dimensions (mm)

HAIR DRYER







VORT FOHN RANGE

Gun-type wall mounted hair dryer

PRODUCT SPECIFICATIONS



Elegant design make it ideal for use in hotels and public places.

- 4 models: with and without razor socket.
- Gun-type wall mounted hairdryer.
- Plus version equipped with razor sockets for 230/120V.
- Wall holder switch disconnects the mains power supply.
- Ergonomic and stylish design.
- Moulded hairdryer in self-extinguishing V0 ABS. Cord length 600 mm to 2200 mm (approx.).
- The heating element is protected by safety device (automatic reset thermal cutout).
- Metal dust filter protects internal components and ensures reliability and long service life.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IPX0
- Insulation calss: CI.II

















KEY FEATURES

- Ergonomic design and sure grip even with wet hands.
- Plus version equipped with two razor sockets.
- Automatic shutoff when button released.



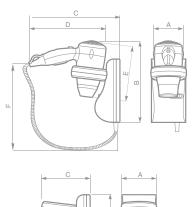
VORT FOHN RANGE

Gun-type wall mounted hair dryer

TECHNICAL DATA -

				W	W	۸	Max Airflow		Lp	W		
Models	Models Code	V	Hz	totale	motore	A max	m³/h	l/s	dB(A) 1m	stand-by	IK	Kg
VORT FOHN 1200	70922			1200		5.22	94	26	71			0.46+0.23
VORT FOHN 1200 PLUS	70924	230	50	1200	20	0.22	34	20	, ,			0.46+0.63
VORT FOHN 1600	70923	230	50	1600	20	0.05			69	_	-	0.49+0.23
VORT FOHN 1600 PLUS	70925					6.95	90	90 -	09			0.49+0.63

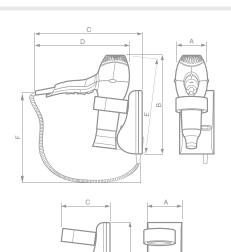
DIMENSIONS



Models	Code	Α	В	С	D	Е	F
VORT FOHN 1200	70922						
VORT FOHN 1200 PLUS	70924	95	230	250	230	165	500

	A ₁	B ₁	C ₁
HOLDER	100	180	140

Dimensions (mm)



Models	Code	Α	В	С	D	Е	F	G
VORT FOHN 1600								
VORT FOHN 1600 PLUS	70925	110	290	290	270	230	520	131

	A ₁	B ₁	C ₁
HOLDER	100	180	140

Dimensions (mm)

HAIR DRYER







PREMIUM RANGE

Automatic soap dispenser

PRODUCT SPECIFICATIONS



Elegant design make it ideal for use in hotels and public places.

- Automatic liquid soap dispenser.
- UV resistant ABS housing.
- Compact size.
- Peristaltic pump; the soap is dispensed without coming into contact with the pump's mechanical components, thus ensuring silent operation and even delivery.
- Removable soap tank.
- Overflow protection. If the soap tank is over filled, there is no danger of short circuiting the system.
- Easy installation and maintenance.
- Complying with the requirements of Regulation N° 1275/2008/UE set out by the EUP/ErP Directive, effective starting from 01.01.2013.
- Protection rating: IPX4
- Insulation calss: CI.II

















SOAP DISPENSER





PREMIUM S DISPENSER cod. 19228



KEY FEATURES

- Adjustable infrared detector automatically starts the appliance when the user's hands enter its field.
- Adjustable dispense quantity.
- Does not yellow with age.



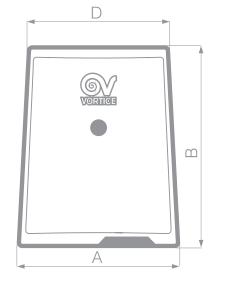
PREMIUM RANGE

Automatic soap dispenser

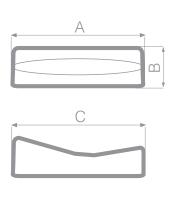
TECHNICAL DATA

Models	Code	V	Hz	W max	A max	Soap container capacity Lt	W stand-by	IK	Kg
PREMIUM S DISPENSER	19207	220-240	50/60	6	-	0.50	0.3838	9	1.2

DIMENSIONS





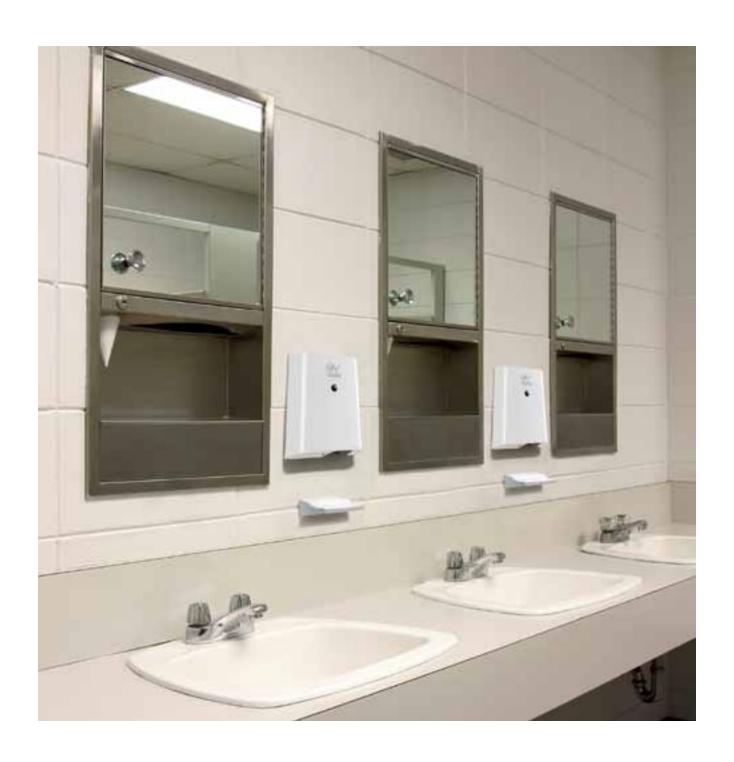


Models	Code	Α	В	С	D
PREMIUM S DISPENSER	19228	181	257	91	159

	A ₁	B ₁	C ₁
DRIP COLLECTOR	135	50	135

Quote (mm)

SOAP DISPENSER





NOTE

NOTE

Cod. 5.170.084.898

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