

TRI-*Umph*[™]

HIGH-SPEED HAND DRYER

NEW



ROVAL[™]
by **ASI**

ASI



HIGH-SPEED HAND DRYER

American Specialties, Inc.'s newest high-speed hand dryer puts the **UMPH** in hand drying.



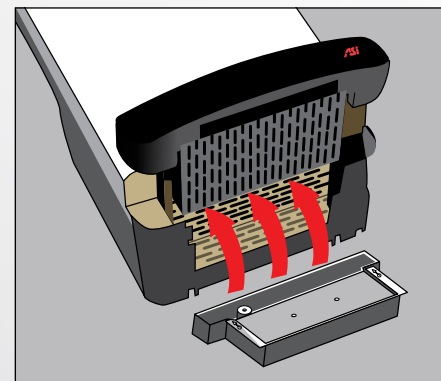
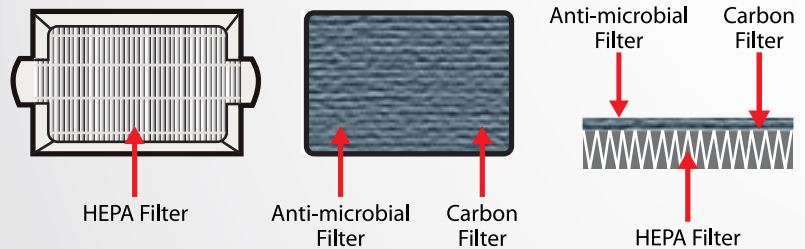
TRI-Umph™ hand dryer is a state-of-the-art, ergonomic, high-speed unit. With air blowing down and back from vents on three sides, users dry their hands in 12 seconds, in a comfortable, natural position without water splash-back.

TRIUMPH OVER ENERGY

Cost of Electricity (110 V) as of May 2012			
	TRI-Umph™ Hand Dryer w/Heater On (1.000 kW/H)	TRI-Umph™ Hand Dryer w/Heater Off (0.550 kW/H)	Competitor (1.400 kW/H) (No Heater Available)
kW per Use ⁽¹⁾	0.00336	0.00210	0.00467
Cost per Use ⁽²⁾	\$0.000433	\$0.000271	\$0.000602
Cost per Year ⁽³⁾	\$26.01	\$16.25	\$36.15

TRIUMPH OVER GERMS

- Ultra hygienic — Over 99% of airborne bacteria and particles as small as 0.3 microns are eliminated with the removable Super Filter System:
 - » First Layer: HEPA filter
 - » Second Layer: Carbon filter
 - » Third Layer: Anti-microbial filter
- Anti-microbial silver ion treatment added to the ABS cover provides an additional layer of germ protection



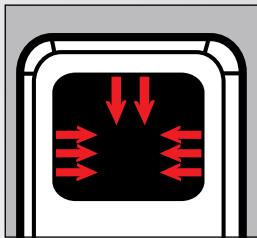
⁽¹⁾ Based on 12-second drying time

⁽²⁾ From the Bureau of Labor Statistics, May 2012, cost of electricity per kW is \$0.129

⁽³⁾ Assumes 200 uses per day, 300 days per year

TRIUMPH OVER TIME

- Fast drying time — about 12 seconds — with air from vents on three sides
- Easy to maintain
 - » Super Filter System is easy to clean and replace when needed
 - » The narrow design of the top half of the dryer allows the unit and the back wall to be easily cleaned



TRIUMPH WITH ERGONOMICS

- No need to bend over or bend knees
- Dry hands in the same natural position that they were washed



TRIUMPH OVER WATER

- Water from hands is pushed backwards onto an absorbent and continuously evaporating ceramic plate
- Water not evaporated or absorbed by the plate is channeled into a drip tray... not the floor



TRIUMPH OVER VANDALISM

- Dryer can only be removed using a dual-step security system offering enhanced vandal resistance
- Reinforcement back plate is internally secured to the wall mounting unit

TRIUMPH WITH MORE CHOICES

- Use dryer with heater on or off (internal on/off switch)
- Adjustable air flow (internal owner control)
- Available in 110/120V, 208/240V and 277V





AUTOMATIC HAND DRYER

HOW IT WORKS...

- User puts hands horizontally into unit
- User can rub hands if so desired
- Air blows out automatically from three sides, drying hands in about 12 seconds
- Water is atomized and any excess droplets are pushed back onto the absorbent/evaporating ceramic plate



Specifications

ITEM CATEGORY		SPECIFICATIONS
Operating Volts	20200-1 20200-2 20200-3	110/120V, 50/60 Hz. 208/240V, 50/60 Hz. 277V, 50/60 Hz.
Watts		1200W with heater on; 750W with heater off (450W heater element)
Warm Air Temp Output (when heater is on)		122° F (50° C) MAX at 70° (25° C) ambient room temp
Motor Type		1 HP, 20 krpm MAX, brush type dual ball bearings
Motor Protection Thermostat		Auto resetting thermostat turns unit off at 275° F (135° C) @ 120V, 203° F (95° C) @ 240-277V
Heater Safety Off		185° F (85° C)
Drying Time		About 12 seconds
Circuit Operation		Infrared automatic
Sensor Range		4 ²³ / ₃₂ " ± 2 ⁵ / ₆₄ " (120mm ± 10mm)
Timing		2-second hold-on; 60-second auto shut-off
Noise (Decibel) Level		65 dB-A MIN to 69.8 dB-A MAX @ 2M
Air Speed		145 mph (213 ft/s) [65 m/s {234 km/h}] - 224 mph (328 ft/s) [100 m/s {360 km/h}], adjustable by owner
Air Flow (Volume)		55 - 76 CFM (89 - 124m ³ /h)
Cover Finish		ABS plastic with silver ions (satin look)
Net Weight / Shipping Weight		19.8 lbs. (9 kg) / 23.1 lbs. (10.5 kg)
Unit Size		12 ⁴³ / ₆₄ " W x 23 ¹ / ₈ " H x 7 ³ / ₄ " D (322 x 588 x 197 mm)
Warranty		5 years

Patent: 8037619 B2
Pat. Pending: 12/129,221, 29/387,482, 13/105292,
29/409,033, 29/409,078, 13/413,044



CB LVD CE RoHS



American Specialties, Inc.
441 Saw Mill River Rd, Yonkers, NY 10701
Tel: 914.476.9000 Fax: 914.476.0688
E-mail: info@americanspecialties.com Web: americanspecialties.com

