



B·L·A·S·T

Ultra Quick Hand Dryer

BLAST hand dryers are the solution for saving up to 95% of annual operating cost (vs. paper towels)

The Vectair ultra quick BLAST hand dryer provides reliable, trouble-free and cost effective hand drying for washrooms.

Environmentally friendly and sustainable, Vectair provides a dryer that contains up to 80% recycled material. The eco-friendly BLAST is the choice for high traffic locations such as quick service restaurants, schools, stadiums, industrial settings, convenience stores, supermarkets and office buildings.

The BLAST uses at least 76% less energy and 70% less CO₂ of most conventional hand dryers. It uses 78% less CO₂ than paper towels. Lower environmental impact, lower carbon emissions and less energy consumption.

The BLAST Hand Dryer dries hands completely in 10 seconds. Air is compressed by a powerful vacuum motor and heated before being ejected at high speed 19,000 linear feet per minute air velocity (216 mph).

The ¼ inch thick, cast iron porcelain enamel cover has 100% recycled content - offering superior durability and vandal resistance.



Uses 76% less energy than a conventional hand dryer.

B.L.A.S.T
.....Power...Design
...Innovation....

COSTS
less to run

No touch & fast 10 sec dry time



Carbon footprint (KgCO₂eq) over a period of 260,000 hand dries

1 Paper towel carbon footprint = 260,000 hand dries at 0.0201 kgCO₂eq per dry = 5,226 kgCO₂eq



Saving Paper:

1 ton of paper (about 150,000 sheets) represents:

- 17 trees
- 1600 kWh of energy
- 32,000 litres of water
- 1500 kilograms of greenhouse gases
- 27 kilograms of air pollutants
- 3m of space in a landfill

	Paper towel		Vectair Blast	Conventional dryer
Materials production (kgCO ₂ eq)	0.0050	Dryer wattage (Watts)	1450	2000
Manufacturing (kgCO ₂ eq)	0.0104	Drying cycle (seconds)	10	30
Transportation (kgCO ₂ eq)	0.0012	Energy use per hand dry (kWh)	0.0040	0.0167
Disposal (kgCO ₂ eq)	0.0035	Average KgCO ₂ / kWh (coal power generation)	0.900	0.900
Total Carbon footprint per dry (kgCO₂eq)	0.0201	Total Carbon footprint per dry (kgCO₂eq)	0.0036	0.0150

Total carbon footprint over 260,000 hand dries.

*1 Paper towel carton = 260,00 hand dries

	Vectair Blast	Conventional dryer
Carbon footprint usage (kgCO ₂ eq)	936	3,900
Carbon footprint, life cycle (kgCO ₂ eq)	215	215
Hand dryer carbon footprint (kgCO ₂ eq)	1,151	4,115
Equivalent paper towel carbon footprint (kgCO₂eq)	5,226	5,266
Carbon footprint (kgCO ₂ eq)	4,075	4,444
EQUIVALENT TO REDUCING AUTOMOBILE USE BY	15,785km	4,304km

*Carbon emissions are generated at each stage of a product's life cycle, from production of the raw materials, to manufacturing, delivery, use of the product and finally disposal or recycling. A product's carbon footprint can vary widely across these different stages and Vectair can use this information to help identify the most effective ways to cut emissions.