OPTIMA STEAMER

DIESEL STEAMERS

**CARB SORE and AQMD Rule 222 Exempt

True Commercial-Grade Dry Steamer for Eco-Conscious Pros

XD

XDm

CMF

Applications the Optima Steamer™ Excels in:

- Mobile Fleet Wash
- Biosecurity & Sanitation Wash
- HVAC Services
- Contract Cleaning
- Transportation
- Agriculture
- Weed Abatement
- Commercial Kitchen & Food Safety Cleaning
- Industrial Equipment & Parts Washing
- Piping & Coating Curing and more

STEAMERICAS

NORTHSTAR CLEAN CONCEPTS

Advantage of Dry Steam

Eco-Friendly & Compliant – Uses less water, no runoff. Use less than 1 gallon of water to wash a vehicle

Safe & Gentle – Ideal for pressure- and water-sensitive parts

Efficient & Precise – Reaches tight spaces with ease

Natural Sanitization – High-temperature steam kills germs, no chemicals needed

Why the Optima Steamer?

Patented Boiler Technology – Supports all-day steaming

Reliable U.S. Support – Parts and service centers nationwide for fast assistance

Versatile & Customizable – Wide range of accessories for industry-specific needs

Certified & Compliant – UL, CSA, ASME, CE, SASO, and more

*Exempt from CARB SORE ban and AQMD permits thanks to engineless build, no idling, and eco-conscious burner design

Model	XD	XDm	CMF
Category	Dry steam with moisture addition feature		Wet steam only
Power Consumption	0.3 kW		
Voltage Options	115V (110~120V), 220~230V (50, 60Hz)		
Boiler / Coil Info	304 Stainless Steel Boiler		x2 Layer 304 S/S 1/4" Pipe Coil
BTUs per hour	161,672	80,000	161,672
Steam Capacity	196.32 lb/hr	89.5 lb/hr	N/A
Max. Flow Rate	0.48 gal/min	0.13 gal/min	0.55 gal/hr
Operating Pressure	102-123 psi (138 psi max)		174 psi (218 psi max)
Boiler Temperature	178°C / 352°F		175°C / 347°F
Preheating Time	3 minutes	5 minutes	2 minutes
Vessel Capacity	3.86 gal	1.8 gal	1 gal
Water Tank Capacity	9.5 gal + direct feed	2.9 gal + direct feed	5.3 gal + direct feed
Fuel Tank Capacity	9.5 gal	2.9 gal	5.3 gal
Number of Steam Outlets	2	1	1
Body Materials	Polypropylene, Polyethylene, 400 Stainless Steel		
Net Dimensions & Weight	39.2 x 26 x 35H in, 206 lbs	30 x 19 x 29H in, 115 lbs	43 x 28 x 36H in, 188 lb

100+ Accessories to Get the Job Done!

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