RED BOX

Static hot water high pressure washers for professional and industrial use.

Increased productivity for tenacious dirt, incrustations, oily stains and grease removal, thanks to high water temperatures that quickly dissolve the dirt, optimizing time and reducing the consumption of detergents.

CUSTOMIZED UNITS

RED BOX 21.200

DURABLE

PRODUCTIVE

24h

up to 250 Bar

Sturdy, professional and compact: • *Painted steel structure with AISI 304 stainless steel panels that can be removed for efficient and quick maintenance* • *Radial pump with three ceramic plungers* • *S1 non-stop service 1450 rpm electric motor* • *Motor-pump elastic coupling* • *Pressure regulator* • *Safety valve* • *13L stainless steel water tank with mechanical floater for inlet flow control* • *Stainless steel electric box* • *Antiscale dosing pump managed by the printed circuit board* • *Water filter.*

24V easy and intuitive control panel equipped with: • *Pump start/stop switch* • *Burner start/stop switch* • *Power-on warning light* • *Pump-on indicator* • *Burner on indicator* • *Fuel lack warning light* • *Descaler lack warning light* • *Emergency stop button* • *Thermostat* • *Pressure gauge* • *Steam valve* • *Detergent valve.*

Intelligent timed total stop: the motor stops after 15 seconds with closed gun; total stop after 10 seconds operating without water; total stop for 10 microleaks; all functions are deactivated if the motor is not operating for at least 60 minutes.

SIRMAC cleaning solutions

DESIGNED TO OPERATE NON-STOP

Red box high-pressure washers, designed for professional and industrial use, stand out for the high reliability of their components.

High performances are granted by S1 non-stop service electric motors that stabilize operating temperature on constant levels

The power of the electric motor chosen for the motor-pump units is always oversized, so that the power the pumps need is never at maximum available values.

In particular, Red box 21.150 is equipped with an 8,5HP electric motor instead of a 7,5HP which is usually assembled on classic high pressure washers but is absolutely insufficient.

The three ceramic plungers radial pumps are abundantly oversized, so that the maximum pressure they are designed for is only partially used. This feature, along with the S1 non-stop service electric motors, allows Red box to operate without cooling periods.

HIGH EFFICIENCY BOILER

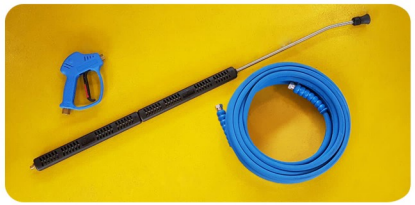
The boiler bottom is not a common refractory absorbing disc; it is in fact made of directly factory manufactured highly resistant refractory cement.
This refractory cement boiler bottom prevents the absorption of water or fuel, making it indestructible.
The heating coil is made of a ø 17mm tubular spiral (total length 36m).
The painted steel burner fan resists to vibrations in the long term and is therefore long-lasting.

	PRESSURE	DELIVERY	POWER SUPPLY	MOTOR POWER		POWER SUPPLY	TEMPERATURE	DIMENSIONS
	bar	L/min	phase V Hz	HP	rpm	kW	°C	cm
RED BOX 15.150 *RDB15.150*	150	15	3 - 400 - 50	5,5	1450	4,7	30 - 140	97x68x99h
RED BOX 18.160 *RDB15.160*	160	18	3 - 400 - 50	7,5	1450	5,9	30 - 140	97x68x99h
RED BOX 15.200 *RDB15.200*	200	15	3 - 400 - 50	7,5	1450	6,5	30 - 140	97x68x99h
RED BOX 21.150 *RDB21.150*	150	21	3 - 400 - 50	8,5	1450	7,6	30 - 140	97x68x99h
RED BOX 21.200 *RDB21.200*	200	21	3 - 400 - 50	10	1450	8,8	30 - 140	97x68x99h
RED BOX 21.250 *RDB21.250*	250	21	3 - 400 - 50	15	1450	12	30 - 140	97x68x99h

STANDARD ACCESSORIES:

Up to 200 Bars: • *15m non-staining high pressure hose.* • *Spray gun with extension.* • *Lance.* • *High pressure nozzle.*

Optional: • *Remote control.* • *Stainless steel heating coil.* • *Chimney extension.*



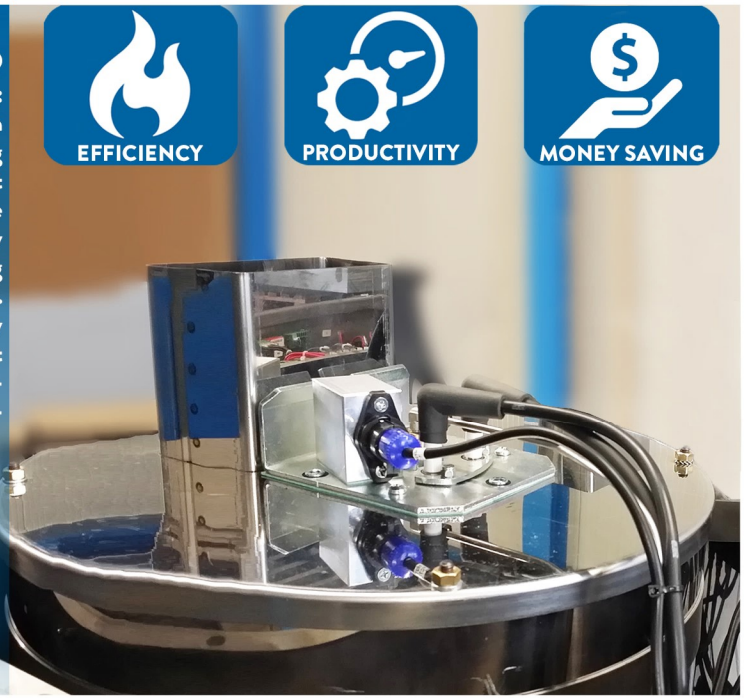
From 250 Bars: • *15m non-staining high pressure hose.* • *Spray gun.* • *Lance.* • *High pressure nozzle.*

Optional: • *Remote control.* • *Stainless steel heating coil.* • *Chimney extension.*

The standard equipment is for professional and industrial use, in compliance with safety regulations.

The high-pressure hose – total length 15m – allows washing large structures keeping the high pressure jet at a safe distance from the unit.

EFFICIENCY AND MONEY SAVING : the combination of high efficiency, a large heating coil and low exhaust smokes temperature allows using low delivery fuel nozzles still attaining the set temperatures. Starting times are so very reduced with consequent decrease of fuel consumption and a remarkable economic saving.



SOME APPLICATION FIELDS:

Red box high pressure washers, when placed in a technical room, can feed a high-pressure water circuit that connects all the washing points.
They are indispensable in several fields as: • *Vehicle washing* • *Automotive* • *Food industries* • *Cured-meat and dairies factories* • *Meat processing and distribution* • *Poultry and pig farming for breeding areas, cleaning and sanitation* • *Livestock farming for the cleaning and sanitation of delivery, lactation and breeding rooms* • *Milking systems* • *Egg farmers* • *Washing of operations rooms and packing and wrapping mobile lines* • *Food stocking companies* • *Chemical industries* • *Wine companies* • *Construction sites* • *Shipyards* • *Airports* • *Harbours and docks* • *Barrels and tanks washing, even combined with rotating heads* • *Fish processing and distribution industries* • *Convenience and deli food production* • *Food halls and fruit and vegetable indoor markets* • *Mechanical industries for washing at the end of the production cycles.*

All specifications are subject to change without notice.