

Hot Water Gasoline Direct Drive

HSP Series

One of our most popular hot water units, the HSP Series features our patented Electro Magnetic Firing (EMF) system which eliminates the need for a 12V battery to operate the burner. The top-fired heat exchanger is designed for easy maintenance.



Patented Electro Magnetic Firing (EMF) system



New 2500-PSI Models



HSP-2503-0MMH

Pump

- Direct drive triplex piston AR or Mi-T-M pump with ceramic plungers
- Stainless-steel and brass unloader valve
- Forged brass manifold
- Thermal relief valve
- External bypass system allows more water into the system to protect from heat build-up (2500-PSI models)
- Low pressure detergent injection (3000 & 3500-PSI models)

Engine

- Performance-proven engine with low-oil protection and recoil start

Frame

- Reinforced powder coated steel tube frame with center balanced lifting hook
- Powder coated steel hose reel mounting bracket (3000 & 3500-PSI models)
- Wand holder
- Solid steel threaded axles
- Four pneumatic tires with locking tire brake

Components

- High quality fuel filter/water separator ensures clean fuel supply
- Complete system diagnostic board
- On/off burner switch
- Pressure and high limit safety controls
- No. 1 or No. 2 diesel or kerosene fired burner (Bio-fuel not approved at this time)
- Polyethylene burner fuel tank
- Easy coil drain helps prevent freezing in cold weather
- Energy efficient top-fired powder coated heat exchanger designed for convenient troubleshooting and easy maintenance

Units Include:

- Quick connect nozzles (0°, 15°, 25° and 40°) (2500-PSI models)
- 15° fixed and detergent nozzle (3000 & 3500-PSI models)
- 50-foot x 3/8-inch steel wire-braided pressure hose with quick connects, swivel and bend restrictors (Screw connects on 3000 & 3500-PSI models)
- Professional-grade insulated trigger gun with safety lock-off
- Adjustable pressure insulated dual lance

Miscellaneous

- Temperature rise 150°F/66°C above ambient, maximum outlet temperature is 200°F

Warranties

3 YEAR LIMITED COIL WARRANTY	3 YEAR LIMITED HONDA ENGINE WARRANTY	3 YEAR LIMITED KOHLER ENGINE WARRANTY	5 YEAR LIMITED SUBARU ENGINE WARRANTY	7 YEAR LIMITED PUMP WARRANTY
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MODEL NUMBER	PSI	GPM	DISPLACEMENT/ENGINE	PUMP	FUEL TANK CAPACITY	BURNER FUEL TANK CAP.	BURNER FUEL CONS.	BTU PER HOUR	DIMENSIONS (LxWxH)	SHIP WT.	NET WT.
HSP-2503-0MMH	2500	2.7	196cc Honda OHV	Mi-T-M	0.97 gallon	4.0 gallon	1.53 gph	205,000	43in.x29.5in.x36.5in.	411 lb.	295 lb.
HSP-2503-0MMS	2500	2.7	211cc Subaru OHC	Mi-T-M	0.95 gallon	4.0 gallon	1.53 gph	205,000	43in.x29.5in.x36.5in.	411 lb.	295 lb.
HSP-3003-3MGH	3000	2.9	270cc Honda OHV	AR	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lb.	407 lb.
HSP-3003-3MGR	3000	2.9	265cc Subaru OHC	AR	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lb.	407 lb.
HSP-3504-3MGH	3500	3.3	389cc Honda OHV	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.
HSP-3504-3MGK	3500	3.3	429cc Kohler OHV	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.
HSP-3504-3MGR	3500	3.3	404cc Subaru OHC	AR	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lb.	428 lb.

ACCESSORIES & OPTIONS

PART NUMBER	DESCRIPTION	FITS MODELS
20-0464A52	Rain cap - Protects boiler from moisture build-up when unit is left outside	3000 to 3500-PSI models
50-0161	High pressure detergent injector - High pressure water mixes with detergent to clean even the heaviest build-up	2500-PSI models
HX-0098	Electric start (battery included) - For easy starting	HSP-3504-3MGH
HX-0219	Electric start (battery included) - For easy starting	HSP-3504-3MGR
HX-0233	Adjustable thermostat - Operator is able to adjust outlet water temperature	2500-PSI models
HX-0234	Low pressure detergent injector - Allows the user to apply the recommended detergents	2500-PSI models
HX-0236	Hour meter - Displays the number of hours unit has been in operation	2500-PSI models