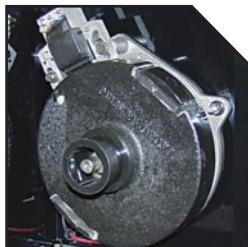


# Hot Water Gasoline Direct Drive

## 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



HSP-3504-3MGR

**Pump**

- Direct drive triplex piston AR pump with ceramic plungers
- Stainless-steel and brass unloader valve
- Forged brass manifold
- Thermal relief valve
- Low pressure detergent injection

**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
- Wand holder
- Solid steel threaded axles
- Four pneumatic tires with tubes
- 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

**Unit Includes**

- 50-foot x 3/8-inch steel wire-braided pressure hose with screw connects, swivel and bend restrictors
- Professional-grade insulated trigger gun with safety lock-off
- Adjustable pressure insulated dual lance with 15° fixed and detergent nozzle

**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 SUBARU ENGINE WARRANTY  
7 YEAR LIMITED PUMP WARRANTY

Model Number	PSI	GPM	Displacement/Engine	Gas Tank Cap.	Burner Fuel Tank Cap.	Burner Fuel Cons.	BTU Per Hour	Dimensions (LxWxH)	Ship Wt.	Net Wt.
HSP-2403-3MGH	2400	2.6	196cc Honda OHV	0.97 gallon	4.0 gallon	1.53 gph	205,000	38in.x30in.x38in.	385 lbs.	269 lbs.
HSP-2403-3MGR	2400	2.6	211cc Subaru OHC	0.95 gallon	4.0 gallon	1.53 gph	205,000	38in.x30in.x38in.	385 lbs.	269 lbs.
HSP-3003-3MGH	3000	2.9	270cc Honda OHV	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lbs.	407 lbs.
HSP-3003-3MGR	3000	2.9	265cc Subaru OHC	1.59 gallon	5.5 gallon	1.84 gph	253,000	43in.x30in.x41in.	530 lbs.	407 lbs.
HSP-3504-3MGH	3500	3.3	389cc Honda OHV	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lbs.	428 lbs.
HSP-3504-3MGR	3500	3.3	404cc Subaru OHC	1.70 gallon	5.5 gallon	2.14 gph	294,000	43in.x30in.x41in.	551 lbs.	428 lbs.

**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
HX-0098	Electric start (battery included) - For easy starting	HSP-3504-3MGH
HX-0219	Electric start (battery included) - For easy starting	HSP-3504-3MGR
TX-1004-W	Puncture-proof tires - Tires are flat-free and maintenance-free, 10-inch, white hub, four tires	2400-PSI models
TX-1304-W	Puncture-proof tires - Tires are flat-free and maintenance-free, 13-inch, white hub, four tires	3000 to 3500-PSI models