

HSE Series | Electric Direct/Belt Drive

If you're looking for a hot water unit with large volume capacity, look no further. The HSE Series is built for industrial applications requiring more than 20 hours of use per week. The top-fired heat exchanger is both energy efficient and easily accessible for maintenance.



SEE
...the future!



HSE-2003-OMG10
Electric Direct Drive

Pump

- Direct or belt drive triplex piston General or Mi-T-M pump with ceramic plungers
- Stainless-steel and brass unloader
- Forged brass manifold
- Thermal relief valve
- High pressure detergent injector
(Available as an option on OMM11 models)

Motor

- Totally enclosed fan-cooled electric motor with manual thermal overload protection
- 35-foot power cord

Components

- Energy-efficient top-fired heat exchanger designed for convenient troubleshooting and easy maintenance
- No. 1 or No. 2 diesel or kerosene fired burner
(Not approved for bio-fuel)

Frame

- Reinforced powder coated steel tube frame with center balanced lifting hook
- Flat-free tires

Miscellaneous

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



HSE-3004-OM10
Electric Belt Drive

Unit Includes:

- Quick connect nozzles – 0°, 15°, 25° and 40°
- 50-foot x 3/8-inch steel wire-braided high pressure hose with quick connects, swivel and bend restrictors
- Adjustable pressure insulated dual lance
- Insulated trigger gun with safety lock-off



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NEMA 5-15P,
15-amp plug



NEMA 5-20P,
20-amp plug



NEMA 6-20P,
20-amp plug



NEMA 6-30P,
30-amp plug



NEMA 6-50P,
50-amp plug



NEMA L15-20P,
20-amp plug



NEMA L15-30P,
30-amp plug

Direct Drive											
Model Number	PSI	GPM	Horsepower/Motor	Pump	Plug Type	Burner Fuel Tank Capacity	Burner Fuel Consumption	BTU per hour	Dimensions (LxWxH)	Ship Wt.	Net Wt.
HSE-1002-OMG10	1000	2.0	1.5 HP, 120V, 1Ø, 15.0A	General	NEMA 5-15P	4.0 gallons	1.33 gph	186,000	43x29.5x36.5in.	418 lb.	295 lb.
HSE-1002-OMM11	1000	2.0	1.5 HP, 120V, 1Ø, 15.0A	Mi-T-M	NEMA 5-15P	4.0 gallons	1.33 gph	186,000	43x29.5x36.5in.	410 lb.	237 lb.
HSE-1502-OMG10	1500	2.0	2.0 HP, 120V, 1Ø, 19.0A	General	NEMA 5-20P	4.0 gallons	1.21 gph	169,000	43x29.5x36.5in.	422 lb.	299 lb.
HSE-1502-OMM11	1500	2.0	2.0 HP, 120V, 1Ø, 19.0A	Mi-T-M	NEMA 5-20P	4.0 gallons	1.21 gph	169,000	43x29.5x36.5in.	414 lb.	291 lb.
HSE-2003-OMG10	2000	2.8	4.0 HP, 230V, 1Ø, 18.0A	General	NEMA 6-20P	4.0 gallons	1.48 gph	207,200	43x29.5x36.5in.	439 lb.	316 lb.
HSE-2003-OMM11	2000	2.8	4.0 HP, 230V, 1Ø, 18.0A	Mi-T-M	NEMA 6-20P	4.0 gallons	1.48 gph	207,200	43x29.5x36.5in.	431 lb.	308 lb.

Belt Drive											
Model Number	PSI	GPM	Horsepower/Motor	Pump	Plug Type	Burner Fuel Tank Capacity	Burner Fuel Consumption	BTU per hour	Dimensions (LxWxH)	Ship Wt.	Net Wt.
HSE-2504-OM10	2500	3.2	6.0 HP, 230V, 1Ø, 25.0A	General	NEMA 6-30P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	699 lb.	569 lb.
HSE-2504-OM30	2500	3.2	6.0 HP, 230-460V, 3Ø, 16.0A	General	NEMA L15-20P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	688 lb.	558 lb.
HSE-3004-OM10	3000	3.5	8.0 HP, 230V, 1Ø, 36.0A	General	NEMA 6-50P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	737 lb.	607 lb.
HSE-3004-OM30	3000	3.5	8.0 HP, 230-460V, 3Ø, 24.0A	General	NEMA L15-30P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	732 lb.	602 lb.
HSE-3504-OM10	3500	3.3	10.0 HP, 230V, 1Ø, 39.0A	General	NEMA 6-50P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	761 lb.	631 lb.
HSE-3504-OM30	3500	3.3	10.0 HP, 230-460V, 3Ø, 28.0A	General	NEMA L15-30P	10.0 gallons	2.10 gph	294,000	49.5x28x40.5in.	742 lb.	612 lb.

Options:		
Part Number	Description	Fits Models
HX-0070	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart	2500 to 3500-PSI models
HX-0071	Auto start/stop - steam - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	2500-PSI models
HX-0072	Auto start/stop - steam - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	3000-PSI models
HX-0073	Auto start/stop - steam - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	3500-PSI models
HX-0074	Auto start/stop - CAD cell - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; monitors burner for proper ignition	2500 to 3500-PSI models
HX-0075	Auto start/stop - steam - CAD cell - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F; monitors burner for proper ignition	2500-PSI models
HX-0076	Auto start/stop - steam - CAD cell - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F; monitors burner for proper ignition	3000-PSI models
HX-0077	Auto start/stop - steam - CAD cell - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart; reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F; monitors burner for proper ignition	3500-PSI models
HX-0085	460V on 6.0-HP, 3-phase model - Upgrades 230V, 3-phase models to operate at 460V, 3-phase	HSE-2504-OM30
HX-0086	460V on 8.0-HP, 3-phase model - Upgrades 230V, 3-phase models to operate at 460V, 3-phase	HSE-3004-OM30
HX-0087	460V on 10.0-HP, 3-phase model - Upgrades 230V, 3-phase models to operate at 460V, 3-phase	HSE-3504-OM30
HX-0088	Skid feet - Stationary applications	2500 to 3500-PSI models
HX-0161	Hour meter - Displays the number of hours unit has been in operation	2500 to 3500-PSI models
HX-0232	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1002-OMG10
HX-0233	Adjustable thermostat - Operator is able to adjust outlet water temperature between 86°-248°F	1000 to 2000-PSI models
HX-0235	Hour meter - Displays number of hours unit has been in operation	1000 to 2000-PSI models
HX-0237	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart	1000 to 1500-PSI models
HX-0238	Time delay shutdown - Timer will shut unit off automatically when trigger gun is released and timer reaches setting	1000 to 1500-PSI models
HX-0239	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1002-OMM11
HX-0240	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-2003-OMG10
HX-0241	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-2003-OMM11
HX-0243	Auto start/stop - When trigger gun is released, the timer will turn unit off; when trigger gun is pulled, unit will restart	2000-PSI models
HX-0244	Time delay shutdown - Timer will shut unit off automatically when trigger gun is released and timer reaches setting	2000-PSI models
HX-0245	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1502-OMM11
HX-0246	300°F steam - Reduces pressure to 350-PSI by adjusting unloader valve counter-clockwise, spray temperatures will rise 240°F above ambient with a maximum of 300°F	HSE-1502-OMG10

Accessories:		
Part Number	Description	Fits Models
50-0161	High pressure detergent injector - High pressure water mixes with detergent to clean even the heaviest build-up	1000 to 2000-PSI models
850-0433	50-ft. x 3/8-inch high pressure hose - For when you need extra hose for added mobility	All models