

Standard FlashFire Dewax System

Rugged Industrial Design

Manufactured by Pacific Kiln & Insulations Co. Inc., the Standard FlashFire Dewax System has a rugged industrial design, is rated to 1800°F (982°C) continuous firing temperature and has several available options.

The Standard FlashFire Dewax System is an economical version of PKI's patented New Generation FlashFire Dewax System. PKI designed the Standard FlashFire Dewax System with all of the technology for safety and reliability, but without the costly PLC automation of the car operation. The Standard FlashFire Dewax System utilizes a manually indexed load bed and PKI's time proven standard furnace specification to create a safe, reliable system that is within the budget of the small to medium investment casting foundry.

Each Standard FlashFire Dewax System is custom engineered to the production requirements of the customer. Contact R&R for a questionnaire that will determine your specific needs.

Standard FlashFire Dewax System Design Features

- Standard furnace design specification allows all day, every day operation at up to 1800°F (982°C).
- Patented inert gas system extinguishes wax fire as wax drains from the system.
- Push button (or foot pedal) automatically operates the door sequence while the operator pushes in the load car.
- Operator is shielded from the hot gases from the open furnace while loading.
- Burner and control system is 100% flame safe, push button start-up and operation.
- Afterburner to eliminate wax smoke emissions.
- Custom designed for each customer's shell quantity and size.
- Simple assembly, installation and operation (instructions included).



Available Options

The Standard FlashFire Dewax System's available options include:

- Program Temperature Control.
- Temperature Recording.
- Insurance approved Safety Fuel Trains.
- PKI Oxygen Analyzer.
- Control Panel Cooler.
- High Limit Temperature Protection.
- Foot pedal door operator.
- Automatic Furnace Pressure Control Damper.
- Additional Capacity Afterburner.
- Exhaust Stack Components.



RANSOM & RANDOLPH
Maumee, OH 43537 USA
Toll Free: 800.800.7496
Phone: 419.865.9497
Fax: 419.865.9997
www.ransom-randolph.com

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PRODUCT DATA SHEET

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Standard FlashFire Dewax System

Design Features

The Standard FlashFire Dewax System's design features include:

- Rugged steel construction for long life.
- High-temperature ceramic-fiber insulation for fast heat-up and maximum energy efficiency.
- Rated to 1800°F (982°C).
- Pacific Kiln "Power Burner" system with Fireye Flame Safety for safe reliable lighting every time.
- Honeywell digital temperature control for accurate and repeatable firing temperatures.

Model	Load Area Dimensions			Burner Heat Input (BTU/HR)	Min. Gas (PSIG)
	LW	LD	LH		
S-FFDWS-364230-SB*	36"	42"	30"	535,000	1 lb (28" WC)
S-FFDWS-424236-SB	42"	42"	36"	550,000	1 lb (28" WC)
S-FFDWS-424836-SB	42"	48"	36"	550,000	1 lb (28" WC)
S-FFDWS-484836-SB	48"	48"	36"	565,000	1 lb (28" WC)

*The Standard FlashFire Dewax System is available only in a single door, single load bed configuration. SB stands for single bed.

Does not include afterburner gas usage. Call for specific data for your size furnace.



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