

THE MOST TRUSTED.



PRODUCT CATALOG

MOST TRUSTED

WHAT MAKES US THE MOST TRUSTED OUTDOOR BOILER ON THE MARKET TODAY?

WE ARE GLAD YOU ASKED.



AMERICAN MADE

All of our stoves are made with domestic stainless steel and produced in our International Falls, MN manufacturing facility.



SUPERIOR MATERIALS

409 Titanium Enhanced Stainless Steel is commonly used for its corrosion resistance, high heat tolerances, great thermal expansion, and excellent heat transfer capabilities.

If you compare heat strengths, heat tolerances, thermal expansion, corrosion resistance, and heat transfer capabilities with all other steels, 409 Titanium Enhanced Stainless Steel is the best choice for outdoor furnace applications.



INDUSTRY LEADING WARRANTY

Not all warranties are created equal. Some outdoor furnace manufacturers advertise they offer a Lifetime Warranty, when they actually offer little to no warranty and neglect to disclose the details. Protect yourself (and your investment) by always asking to see the full warranty.

Our 20 Year Warranty provides you with the highest quality, longest-lasting coverage on the market.

SUPPORT AFTER SALE

As a family owned business, we know how important it is to offer customer service and technical support after the sale.

7200E / 7300E / 7400E / 7300E / 7400E



PRISTINE

BURN UP TO 60% LESS WOOD THAN A CONVENTIONAL BOILER.

Using negative pressure, our line of down-draft gasification furnaces are constructed from 409 Titanium Enhanced Stainless Steel. The Pristine Series is one of the most economical and energy efficient models on the market, achieving a 99% combustion efficiency, making it virtually smokeless. The heat exchanger cleaner is the only self-cleaning system on the market that is easily accessible from the front.

STAINLESS STEEL FLUE

Class A insulated chimney. Compared to conventional flue exhausts which have temperatures between 800°F - 1000°F, our Pristine Series have a flue exhaust as low as 280°F.

REAR ACCESS SWING DOOR

Fully removable swinging rear door for easy access and inspection.

FIREBOX DOOR

Extra large, insulated door for easy fuel loading. Equipped with the roller latch door system.

SECONDARY COMBUSTION CHAMBER DOOR

Wide insulated door providing access to the secondary combustion chamber for cleaning.



BURNS UP TO 60% LESS WOOD



99% COMBUSTION EFFICIENCY



EASY TO USE CONTROLS



PRISTINE



TOP: ROLLER LATCH DOOR SYSTEM & HEAT EXCHANGER CLEANER HANDLE



BOTTOM: AIR PANELS & GASIFICATION MANIFOLD



TOP: BACK ACCESS PANEL



LEFT: HEAT TRANSFER TUBES & STAINLESS STEEL TWISTED TAPE TURBULATORS



TOP & MIDDLE: SECONDARY COMBUSTION CHAMBER & HEAT SHIELD



TOP: BACK ACCESS PANEL
LEFT: HEAT TRANSFER TUBES & STAINLESS STEEL TWISTED TAPE TURBULATORS



INSULATED HEAT EXCHANGER DOORS

Large insulated door for easy cleaning of heat transfer tubes.

HEAT TRANSFER TUBES & STAINLESS STEEL TWISTED TAPE TURBULATORS

Strategically placed in the water reservoir to transfer heat to the water, assisting in achieving high efficiency and low emissions.

AIR DELIVERY PANELS

Designed to distribute preheated, outside air evenly within the firebox.

GASIFICATION MANIFOLD

A uniquely designed, high temperature poured refractory unit that injects preheated air directly at the combustion zone.

SECONDARY COMBUSTION CHAMBER

This chamber reaches temperatures as high as 2,300 F.

7200MP / 7300MP / 7350MP / 7400MP / 7500MP

MULTI PASS

BUILT WITH A TRIPLE PASS WATER FILLED HEAT EXCHANGER FOR HIGHER EFFICIENCY.

Our triple pass water filled heat exchanger and water filled heat exchanger tubes produce the highest efficiencies of a conventional outdoor furnace. Thanks to these technologies, you will burn 20% - 40% less than the competition. This series is also equipped with a turbo draft fan along with shaker grates and a removable ash pan.

STAINLESS STEEL FLUE

Class A insulated chimney.

HEAT EXCHANGER CLEANOUT DOOR

Easy access for cleaning fly ash. Features a double safety latch handle.

FIREBOX DOOR

Extra large, insulated door for easy fuel loading. Equipped with the roller latch door system.

ASH PAN DOOR

Extra large removable ash pan for easy cleaning.



SIMPLE & EASY MAINTENANCE



BURNS UP TO 40% LESS FUEL



MADE FROM 409 TITANIUM ENHANCED STAINLESS STEEL



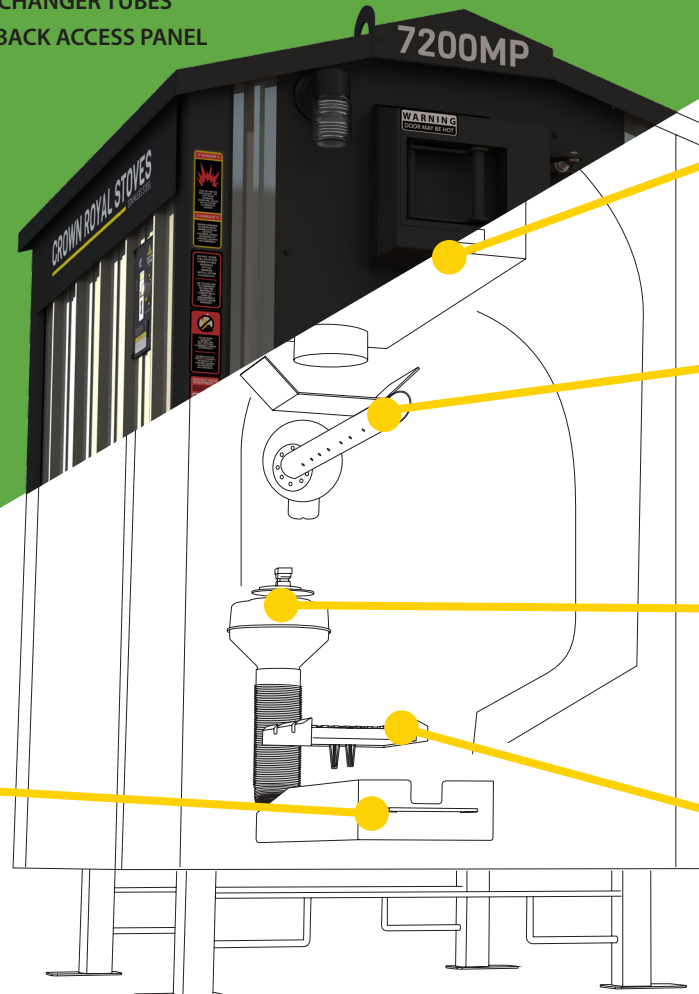
MULTI PASS



TOP: CAST IRON SHAKER GRATES
LEFT: ASH PAN

TOP: CONTROL PANEL
MIDDLE: HEAT EXCHANGER

TOP: TURBO DRAFT SYSTEM & HEAT EXCHANGER TUBES
BOTTOM: BACK ACCESS PANEL



TRIPLE PASS WATER FILLED HEAT EXCHANGER

Developed for a better heat transfer and higher efficiency than conventional units.

TURBO DRAFT SYSTEM & BLOWER

Designed to ensure a complete burn of your fuel, assisting in the removal of ash.

PRIMARY COMBUSTION AIR BLOWER

Introduction of combustion air under the shaker grates giving a hotter and cleaner burn.

CAST IRON SHAKER GRATES

Designed to ensure a complete burn of your fuel, assisting in the removal of ash.

ASH PAN

Extra large removable ash pan for easy cleaning.

	PRISTINE			MULTI PASS				
	7200E	7300E	7400E	7200MP	7300MP	7350MP	7400MP	7500MP
ESTIMATED WEIGHT	1,950 lbs	2,650 lbs	2,950 lbs	1,450 lbs	1,800 lbs	2,050 lbs	2,500 lbs	4,000 lbs
SIZE (W X L X H)	48" x 74" x 78"	50" x 79" x 87"	53" x 85" x 93"	49" x 61" x 87"	53" x 70" x 90"	55" x 77" x 96"	61" x 81" x 100"	89" x 102" x 110"
FIREBOX LENGTH	28"	32"	36"	30"	38"	44"	48"	60"
CHIMNEY SIZE	6"	6"	8"	6"	6"	6"	8"	10"
FIREBOX DOOR SIZE (L X H)	18" x 18"	20" x 24"	22" x 26"	20" x 20"	20" x 20"	20" x 24"	24" x 24"	42" x 30"
SUPPLY / RETURN SIZE	(1) 1-1/4"	(2) 1-1/4"	(2) 1-1/4"	(1) 1-1/4"	(2) 1-1/4"	(2) 1-1/4"	(2) 1-1/4"	(4) 1-1/4"
WATER CAPACITY	180 gal	235 gal	290 gal	140 gal	180 gal	260 gal	320 gal	600 gal
TURBO FAN	-	-	-	60 cfm	60 cfm	60 cfm	60 cfm	60 cfm
COMBUSTION FAN	3,000 rpm	3,450 rpm	3,450 rpm	150 cfm	150 cfm	150 cfm	150 cfm	2 x 150 cfm
APPROXIMATE SQ. FT.	2,000 - 3,000	4,000 - 5,000	8,000 - 10,000	2,000 - 3,000	4,000 - 6,000	6,000 - 8,000	8,000 - 10,000	18,000 - 20,000
APPROXIMATE BTU'S	125,000	221,000	325,000	165,000	275,000	350,000	400,000	750,000
INSULATION LEVEL ROOF / WALLS	R30	R30	R30	R30	R30	R30	R30	R30
409 STAINLESS STEEL	YES	YES	YES	YES	YES	YES	YES	YES
DOMESTIC COIL 300,000 BTU	-	-	-	Optional	Optional	Optional	Optional	Optional
EPA CERTIFIED	YES	YES	YES	-	-	-	-	-

SUPPORT AFTER SALE

As a family-owned business, we know how important it is to offer customer service and technical support after the sale. With our friendly local dealer community and dedicated staff you will find the help you need when you need it most.

NOT ALL 409 STAINLESS STEEL IS EQUAL

Some competitors use imported 409 Stainless Steel. Imported Stainless Steel has lower quality control standards that result in varying wall thickness, heavy inclusions from rolling, lamination and inconsistent annealing. These variables can all lead to excessive corrosion, material failures, and leaks in the firebox and water jacket. Our domestic 409 Stainless Steel comes with mill test reports, validating the quality and consistency that we strive for.

APPLICATIONS



RESIDENTIAL HOMES



RADIANT IN-FLOOR HEATING



GARAGES & WORKSHOPS



POOLS / HOT TUBS



COMMERCIAL BUILDINGS



BARNs & AGRICULTURAL BUILDINGS



DOMESTIC HOT WATER



GREENHOUSES



KILN DRY WOOD

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AUTHORIZED DEALER

