

## VITOROND 100

A compact triple-pass boiler in sectional cast iron design



## **VITOROND 100**

A genuine triple-pass boiler of cast iron sectional design. The high-quality construction and innovative oil heating technology of this boiler provide a high level of operational reliability, high-efficiency operation and reduced emissions.

## The benefits at a glance:

- Get the most out of your fuel dollar! Maximum heat extraction with triplepass design. A.F.U.E.: up to 86.9%.
- Extremely durable cast iron heat exchanger for maximum reliability and service life.
- Clean combustion with Beckett or Riello burner.
- Integrated stainless steel combustion chamber insert for clean and efficient combustion.
- Thick 3½" insulation for extremely low standby losses and fuel savings.
- Easy access Full-swing left- or right-hinged combustion chamber door.
- Low maintenance cost with servicefriendly burner and easy-to-clean flue gas passageways.
- Spacious, wet-base water walls prevent deposits, reduce stress and increase boiler life.
- Direct vent option (up to VR1-33) eliminates the need for a chimney and combustion air supply opening.

## New Multiple control options:

Choose from a standard 24 VAC room thermostat or Vitotronic control options for additional energy savings.

New Additional energy savings and reduced emissions with modulating boiler water temperatures when using Vitotronic control options.









Triple-pass heat exchanger



Riello F Series burner

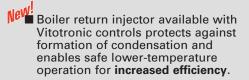


Vitotronic control option

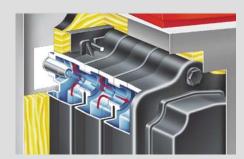


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Vitorond 100 boiler with Beckett NX burner and Vitocell 100 tank shown.



VITOROI	ND 100	VR1-	22	27	33	40	50	63
Rated input		МВН	91	105	140	161	196	245
Rated output		МВН	80	92	122	140	172	215
Dimensions (incl. burner)	Boiler Length	inches	41 1/4	47	47	38	43	48
	Boiler Width	inches	19¾	19¾	19¾	221/4	221/4	221/4
	Boiler Height	inches	33	33	33	39¾	39¾	39¾
	Boiler Height (incl. control)	inches	44	44	44	50½	50½	50½
Weight (shipping)	Boiler Package	lbs	400	477	485	533	654	775
	Beckett Burner	lbs	37	37	37	37	24	24
	Riello Burner	lbs	31	31	33	33	33	37



Increased boiler life and efficiency with return injector (with Vitotronic controls)



