XVers™

CONDENSING FIRE TUBE

INSTALLATION
VERSATILITY

SMARTER
CONTROLS

MAXIMUM
EFFICIENCY

Select the most versatile and adaptive commercial boiler ever!

Raypak

INSTALLATION **VERSATILITY**

No one else takes the worry away from the project.

Easy to Move

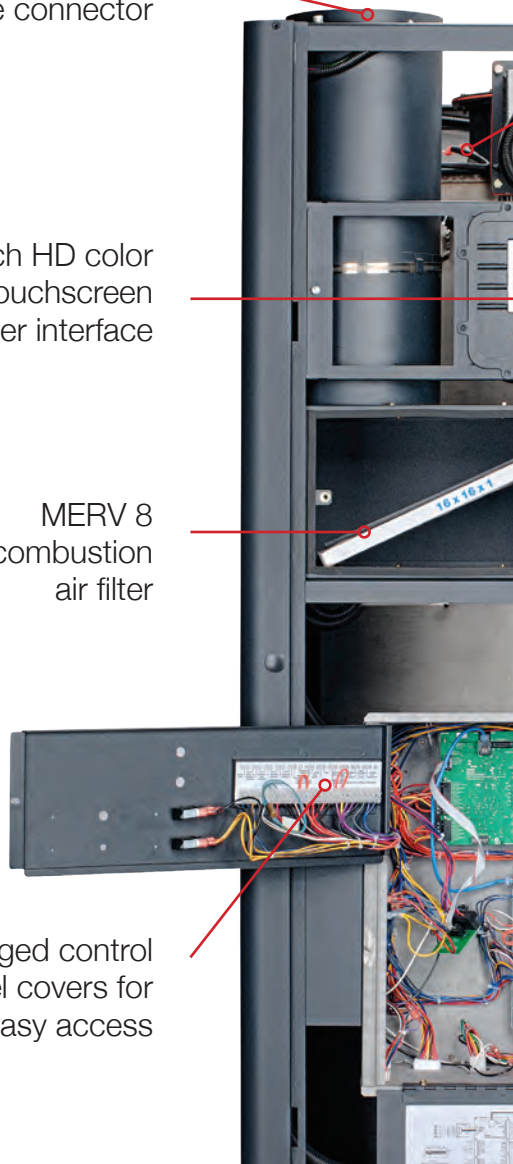
No need for long delays, heavy equipment or extra rigging costs. XVers has pallet supports built right in, so you can move it with a pallet jack or forklift whenever you need.

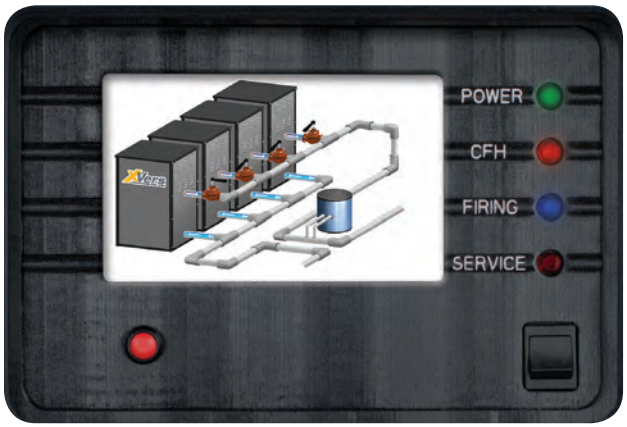
Easy to Fit

Retrofit into existing systems with ease or enjoy the small footprint in new builds. Get the cost savings and performance you expect from Raypak with the right fittings to make it easy.

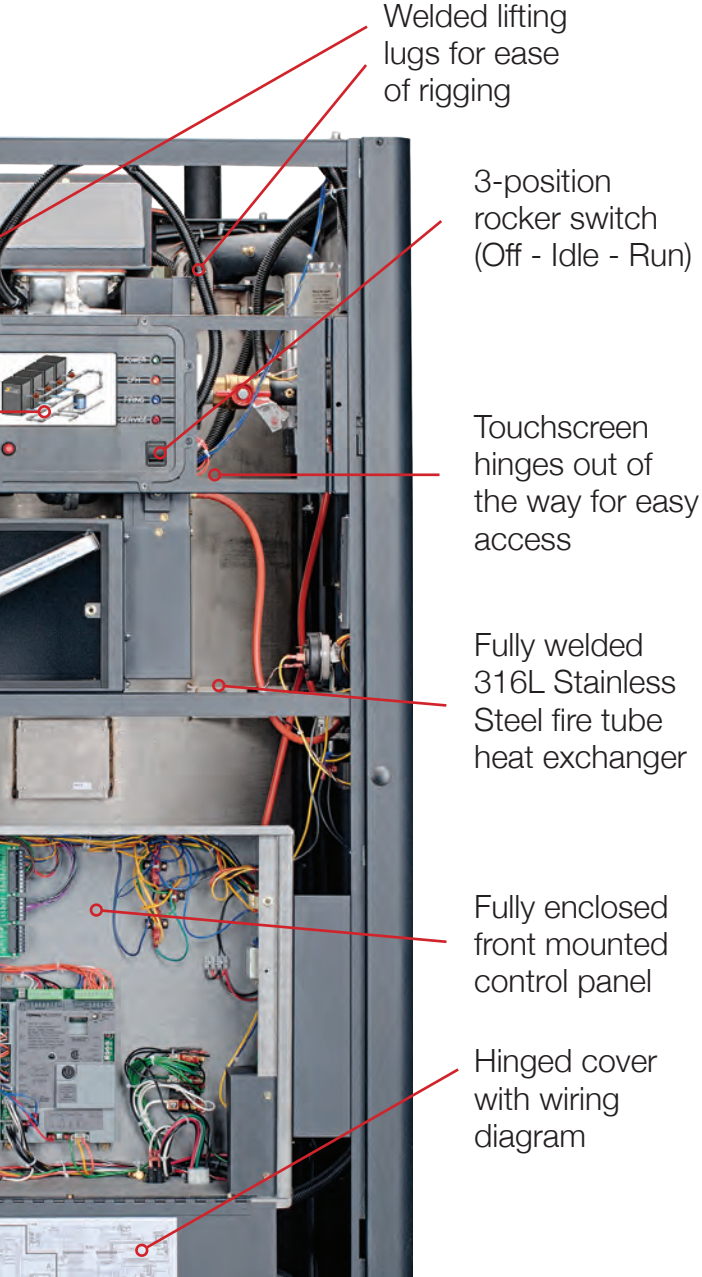
Easy to Get It Right

Adaptable controls that supports multiple piping, venting and operational configurations for ease of installation, integration and longevity.





Raypak's capacitive 7" Touch Screen (TS) is the very latest in high-performance, touch screen displays. The thick ballistic cover glass, along with the water-resistant and glove-enabled touch panel, provides the rugged features required in today's equipment room. The Raypak TS comes with 4GB of onboard flash storage and 4GB of DDR2 SDRAM, allowing for fast rendering of high-resolution images as well as ample storage for monitoring / diagnostic data.



SMARTER **CONTROLS**

No one else has built-in intelligence.

XVers comes with automated controls that are easy to set up, understand and use, with a 7 inch full HD, capacitive color touch screen display with ballistic glass overlay and Glove Sense (TM) technology for the most robust display in the industry.

Connect to your Building Management System in minutes, or use one of our gateways for even more flexibility.

No more complicated math. Simply tell the XVers during commissioning what concentration of glycol is in your system and what vent material you have chosen and it does the rest!

The XVers integrated Versa control system can be configured to operate a wide array of accessories. When configured in primary loop piping configurations, the XVers can control single or multiple motorized isolation valves. If the XVers is configured for primary-secondary piping, the XVers can provide a proportional output to a variable speed boiler pump to enhance system performance and save electrical energy when operating at part load.

The XVers can also be configured to control a motorized combustion air damper as well as connect to various exhaust fan control systems when needed for maximum installation versatility.

Want More Information?
visit www.raypak.com

XVers™ CONDENSING FIRE TUBE

Works the way you need it to.

XVers, as the name suggests, are designed to be "Extremely Versatile." Equipped with the Versa IC integrated control system, XVers are capable of operating a single boiler or cascade of boilers on a multitude of system types, including:

- Primary loop hydronic
- Variable-flow primary loop hydronic
- Primary-secondary hydronic
- Variable-flow primary-secondary hydronic

Features That Give You Installation Versatility

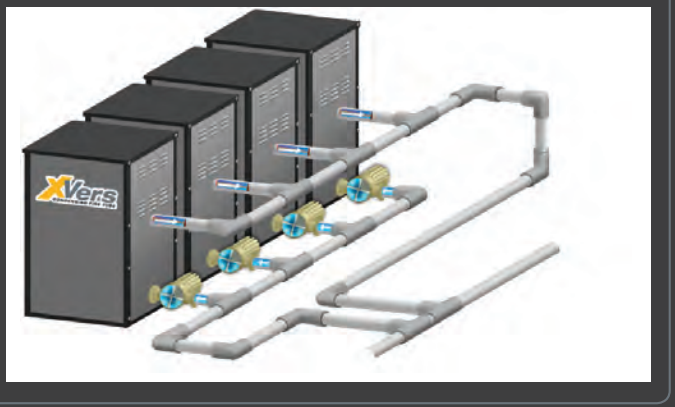
- Flip-latch door locks that double as handles
- Built-in lifting lugs to accommodate easy rigging by cranes
- Safety certified for indoor/outdoor installation
- Multi-voltage capabilities
- 115VAC, 5A built-in plug to assist installers
- Multiple venting options, including PVC, CPVC, polypropylene and stainless steel

Features That Give You Smarter Controls

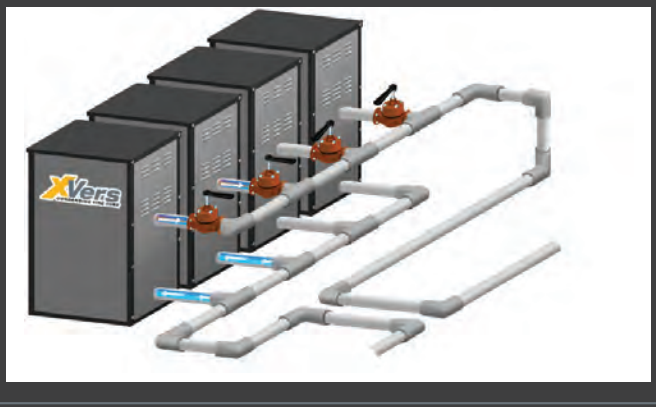
- Water Flow Sensor to measure water flow rate
- Delta T Control to gauge temperature differences
- Vent Temperature Sensor to protect vent system
- "Rich-Start" Control to ensure ignition in various conditions
- Capacitive Color Touchscreen
- Automated monitoring of flue gas temperature
- Automated control of boiler output

Features That Give You Maximum Efficiency

- Up to 15 to 1 turndown for optimum load tracking
- Characterized fire tubes for enhanced heat transfer
- Built-in flue gas analysis port to ease tuning
- Variable speed boiler pump control to save on pump energy
- Integral air filter to enhance burner operation and life



Variable flow Primary-Secondary System *



Variable flow Primary piping system *

*Actual images from color touchscreen display

FINALLY GET THE **FEATURES YOU WANT**

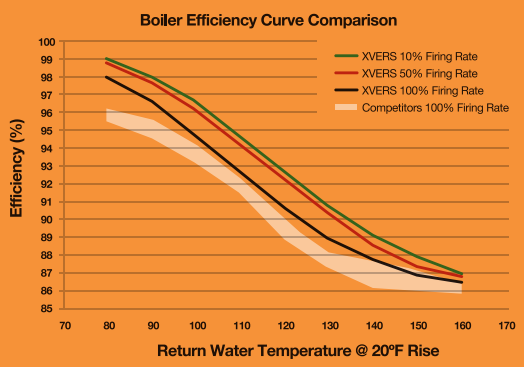
XVers is the most versatile condensing fire tube boiler available.

- Outdoor rated UV stable EPS jacket top
- Locking cabinet handles
- 7 inch HD color touchscreen with outdoor cover
- UV-stable, salt spray resistant powder-coated cabinet
- Engineered steel base - Pallet jack/Fork lift accessible
- Gas drip leg - Standard
- Flow switch - Standard
- Stainless steel ANSI Flange water connections
- Flue gas analysis test port
- Electromagnetic Fluid Flow Sensor - Standard

MAXIMUM **EFFICIENCY**

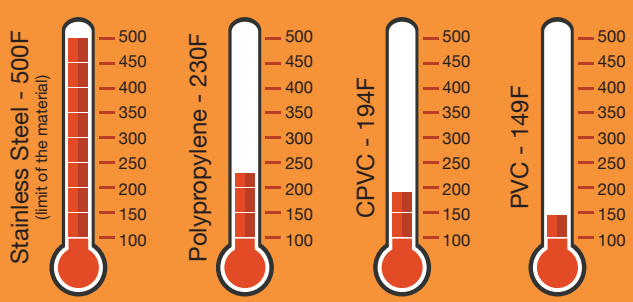
MAXIMUM **PERFORMANCE**

Industry leading operating efficiency



MAXIMUM **VENTING OPTIONS**

Control adapts to vent material selection



XVers - Type H
Models 0856 - 3006

XVers™ CONDENSING FIRE TUBE

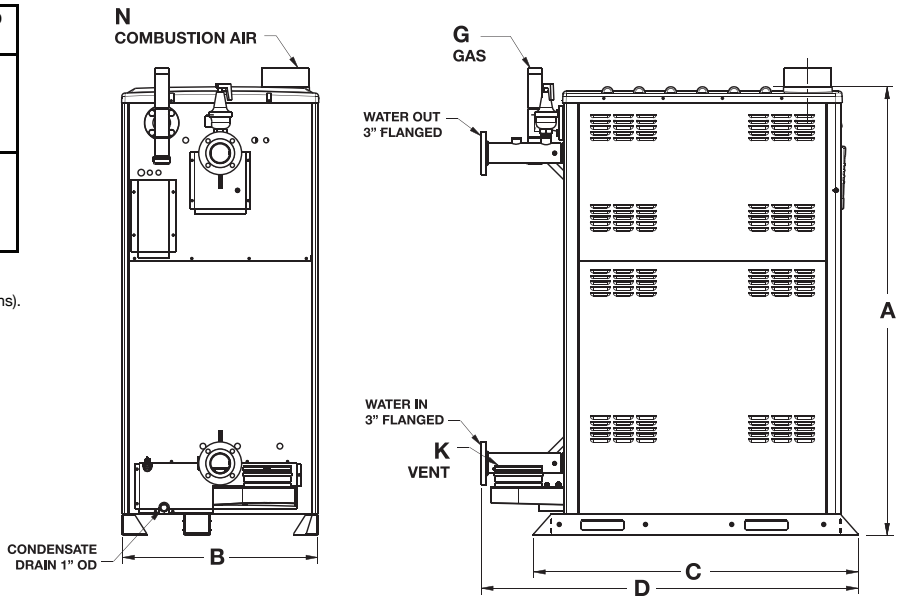
Model (H7-)	MBTUH (kw/h)		Turn Down	AHRI Thermal Efficiency	Dimensions In. (mm)								Ship Weight Lbs.(kg)
	Input	Output			A Height	B Width	C Base Depth	D Overall Depth	G NPT	K Flue Ø	N C/A Ø	Water In/Out (ANSI)	
☐ 0856	855 (250.6)	822.5 (241.1)	12.9 to 1	96.2	78 (1981)	30 (762)	51.3 (1303)	60.2 (1529)	1-1/4	6	6	3	1596 (724)
☐ 1006	999 (292.8)	961 (281.6)	15 to 1	96.2	78 (1981)	30 (762)	51.3 (1303)	60.2 (1529)	1-1/4	6	6	3	1596 (724)
☐ 1256	1250 (366.3)	1202.5 (352.4)	12 to 1	96.2	78 (1981)	30 (762)	54.4 (1382)	63.4 (1610)	1-1/4	8	6	3	1960 (889)
☐ 1506	1500 (439.6)	1443 (422.9)	14.4 to 1	96.2	78 (1981)	30 (762)	54.4 (1382)	63.4 (1610)	1-1/4	8	6	3	1960 (889)
☐ 1756	1750 (512.9)	1683.5 (493.4)	12.3 to 1	96.2	78 (1981)	34 (864)	56.5 (1435)	65.7 (1669)	2	8	8	3	2080 (943)
☐ 2006	1999 (585.8)	1923 (563.6)	10.8 to 1	96.2	78 (1981)	34 (864)	56.5 (1435)	65.7 (1669)	2	8	8	3	2080 (943)
☐ 2506	2499 (732.4)	2404 (704.5)	10 to 1	96.2	78 (1981)	34 (864)	60 (1524)	70.4 (1788)	2-1/2	10	8	3	2900 (1315)
☐ 3006	3000 (879.2)	2865 (839.4)	12 to 1	95.5	78 (1981)	34 (864)	60 (1524)	70.4 (1788)	2-1/2	10	8	3	2900 (1315)

	☐ 856		☐ 1006		☐ 1256		☐ 1506		☐ 1756		☐ 2006		☐ 2506		☐ 3006	
	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)	GPM (L/min)	ΔP ft.hd. (kPa)
20 FΔT	82 (310)	1.7 (5.1)	96 (363)	2.2 (6.6)	120 (454)	2.6 (7.8)	144 (545)	3.6 (10.8)	168 (636)	3.8 (11.4)	192 (727)	4.7 (14.0)	**231 (874)	7.1 (21.2)	**231 (874)	7.1 (21.2)
40 FΔT	41 (155)	0.5 (1.5)	48 (182)	.7 (2.1)	60 (227)	.8 (2.4)	72 (273)	.9 (2.7)	84 (318)	1.0 (3.0)	96 (363)	1.2 (3.6)	120 (454)	2.1 (6.3)	143 (541)	3.0 (8.9)
**Max Flow	165 (624)	6.4 (19.1)	192 (727)	7.8 (23.3)	231 (874)	8.0 (23.9)	231 (874)	8.0 (23.9)	231 (874)	6.7 (20.0)	231 (874)	6.7 (20.0)	231 (874)	7.1 (21.2)	231 (874)	7.1 (21.2)
*Min Flow at 100%	21 (79)		24 (91)		30 (114)		36 (136)		42 (159)		48 (182)		60 (227)		72 (273)	
*Min Flow for Ignition	12 (45)		15 (57)		19 (72)		22 (83)		25 (95)		30 (114)		40 (151)		45 (170)	
*Min Flow	7 (26)		12 (45)		14 (53)		16 (61)		17 (64)		20 (76)		20 (76)		29 (110)	

*Minimum flow based on water as heating medium. Mediums other than water may require higher minimum flow rates.
**Maximum flow based on 10 FΔT or 10.5 feet per second velocity, whichever is less.

Model	Power Supply	Amp Draw**
☐ 0856	120V/1PH	Less Than 12A
☐ 1006		
☐ 1256		
☐ 1506		
☐ 1756	208V/1PH	Less Than 18A
☐ 2006		
☐ 2506		
☐ 3006		

Standard Power Shown.
** Current draw is for boiler only
(consult factory for alternate power options).



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