

ADVANTAGEPLUS™ FROM RHEEM-RUUD WATER HEATERS

95% Efficiency!

*Get drastically lower operating costs
with sealed-combustion!*

AdvantagePlus from Rheem-Ruud.
The sealed-combustion gas fired
water heater line that's perfect for
commercial applications needing
LARGE VOLUMES of LOW-COST
hot water.

*Meets SCAQMD Rule 1146.2
and TNRCC Low NOx requirements.*



Commercial water heaters
from Rheem-Ruud



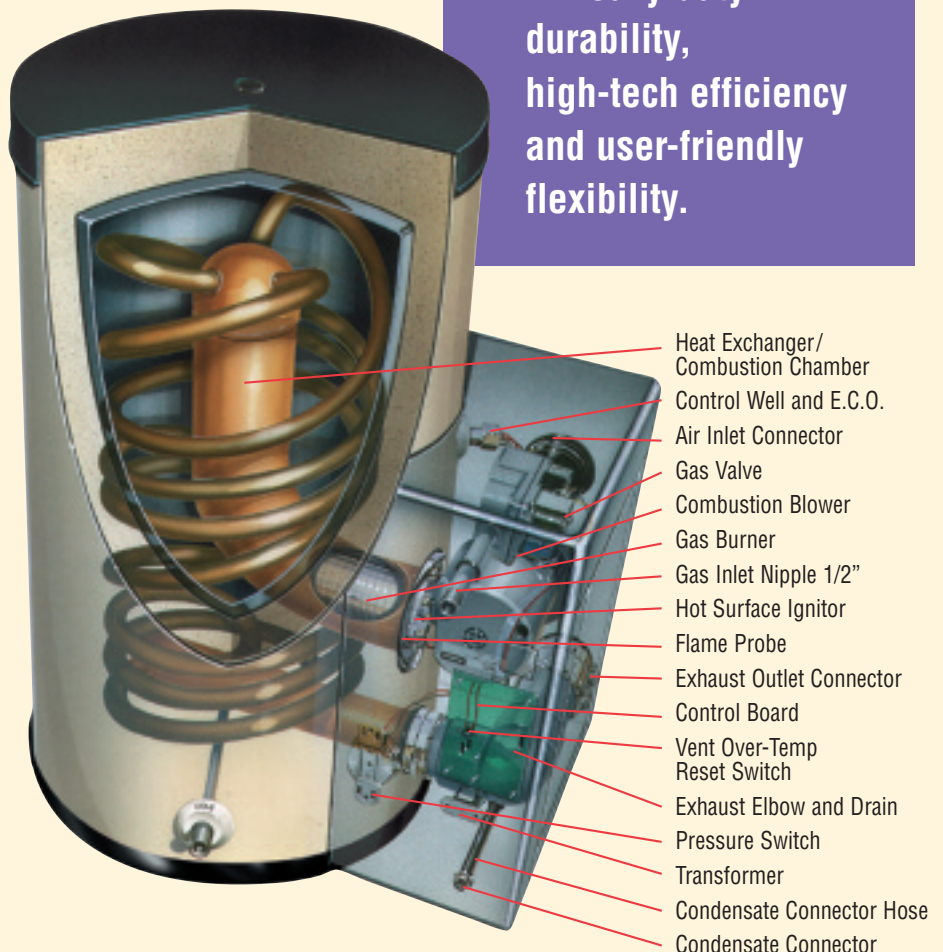
AdvantagePlus™ from Rheem-Ruud

The sealed-combustion gas fired water heater line that's perfect for commercial applications needing **LARGE VOLUMES** of **LOW-COST** hot water.

- **95% efficient sealed-combustion design:** Saves hundreds, even thousands, of dollars in annual operating costs.
- **No chimney required** – Vents up to 40 feet using 3" Schedule 40 PVC, CPVC or ABS pipe.*
* 100,000 and 130,000 BTU/hour models are certified to vent with 2" Schedule PVC, CPVC or ABS Pipe.
- **Low-weight design:** Rust-proof nonferrous outer jacket and nonmetallic trim components make AdvantagePlus much lighter and easier to maneuver than comparable competitive models.
- **Rugged and corrosion-resistant 316L stainless steel tank** ensures long life. No anode rod is needed.
- **High-efficiency 90/10 cupronickel heat exchanger** features the same highly durable, corrosion-resistant material commonly used for boiler heat exchangers.
- **Whisper-quiet design:** The burner and blower assembly is located below eye level and behind an enclosure made of ABS plastic, resulting in an ultra-quiet operation.
- **Easy to service:** All components and controls are conveniently located behind an easy-to-remove, front-mounted access panel.
- **Storage capacities** from 45 to 119 gallons.
- **Inputs** from 100,000 to 199,000 BTU/hour.
- **Large volumes fast:** 119-gallon, 199,000 BTU/hour model delivers 314 gallons of hot water in the first hour, while needing only 31 minutes to fully recover.
- **Saves energy:** No burning pilot light.
- **Meets low NOx requirements** in California (SCAQMD Rule 1146.2) and Texas (TNRCC).
- **No chimney required:** 85 equivalent feet of vent length, using plastic pipe.

- **Self-diagnostic electronic control:** Features digital readout of water temperature set point and differential.
- **Minimizes heat loss:** 2" polyurethane foam insulation shrinks heat loss to less than 0.5° F per hour (R-17 rating).
- **Wide temperature-setting range:** 70°F to 160°F (180°F on booster models).
- **Zero clearance** to any combustible surface.
- **Easy equipment servicing** through highly accessible front cover (24" service clearance recommended).

The ultimate in heavy-duty durability, high-tech efficiency and user-friendly flexibility.



Rheem-Ruud AdvantagePlus

RECOVERY CAPACITIES

MODEL NUMBER	CAPACITY	INPUT	EFFICIENCY	TEMPERATURE RISE - DEGREES F - GALLONS PER HOUR										
				40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
HE45-100	45	100,000	95%	288	230	192	165	144	128	115	105	96	N/A	N/A
HE45-130	45	130,000	95%	374	299	249	214	187	166	150	136	125	N/A	N/A
HE80-130	80	130,000	95%	374	299	249	214	187	166	150	136	125	N/A	N/A
HE119-130	119	130,000	95%	374	299	249	214	187	166	150	136	125	N/A	N/A
HE45-160	45	160,000	95%	461	368	307	263	230	205	184	167	154	142	132
HE80-160	80	160,000	95%	461	368	307	263	230	205	184	167	154	N/A	N/A
HE119-160	119	160,000	95%	461	368	307	263	230	205	184	167	154	N/A	N/A
HE45-199	45	199,000	95%	573	458	382	327	286	255	229	208	191	176	164
HE80-199	80	199,000	95%	575	460	384	329	288	256	230	209	192	N/A	N/A
HE119-199	119	199,000	95%	575	460	384	329	288	256	230	209	192	N/A	N/A

Recovery rating is based on a recovery efficiency obtained in an UL laboratory.
This model exceeds the minimum NAECA energy factor requirements of ASHRAE 90.1b-1992.

MAXIMUM DELIVERY (in gallons) (Includes useable storage and recovery for indicated times)

MODEL NUMBER	CAPACITY	INPUT	EFFICIENCY	TEMP. RISE	5 MIN.	10 MIN.	15 MIN.	20 MIN.	30 MIN.	45 MIN.	1 HR.	2 HR.	3 HR.	MIN. TO RECOVER CONTENTS
HE45-100	45	100,000	95%	100°	41	51	60	70	89	118	147	262	377	23
HE45-130	45	130,000	95%	100°	44	56	69	81	106	144	181	331	481	18
HE80-130	80	130,000	95%	100°	68	81	93	106	131	168	206	355	505	32
HE119-130	119	130,000	95%	100°	96	109	121	134	159	196	234	383	533	48
HE45-160	45	160,000	95%	100°	47	62	78	93	124	170	216	400	584	15
HE80-160	80	160,000	95%	100°	71	87	102	117	148	194	240	424	609	26
HE119-160	119	160,000	95%	100°	99	115	130	145	176	222	268	452	637	39
HE45-199	45	199,000	95%	100°	51	70	89	108	146	203	261	490	719	12
HE80-199	80	199,000	95%	100°	75	94	114	133	171	229	286	516	747	21
HE119-199	119	199,000	95%	100°	103	122	141	161	199	257	314	544	774	31

DIMENSIONAL INFORMATION (All dimensions shown in inches)

MODEL NUMBER	HEIGHT	WIDTH	DEPTH	VENT	APPROX. SHIPPING WEIGHT (LBS.)
HE45-100	42	23-1/2	32	2 [†]	175
HE45-130	42	23-1/2	32	2 [†]	175
HE45-160	42	23-1/2	32	3	175
HE45-199	42	23-1/2	32	3	175
HE80-130	72	23-1/2	32	2 [†]	235
HE80-160	72	23-1/2	32	3	235
HE80-199	72	23-1/2	32	3	235
HE119-130	73	27	36	2 [†]	405
HE119-160	73	27	36	3	405
HE119-199	73	27	36	3	405

[†]Models with inputs of 100,000 kBtu and 130,000 kBtu are certified to vent with 2" Schedule 40 PVC, CPVC or ABS pipe.

CLEARANCES TO COMBUSTIBLES

MODEL NUMBER	REAR / SIDES	FRONT*	TOP
HE45-100	0	0	0
HE45-130	0	0	0
HE45-160	0	0	0
HE45-199	0	0	0
HE80-130	0	0	0
HE80-160	0	0	0
HE80-199	0	0	0
HE119-130	0	0	0
HE119-160	0	0	0
HE119-199	0	0	0

* 24" service clearance recommended



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LIMITED WARRANTY

This product features a three-year limited warranty against tank leaks. Please refer to Commercial Warranty Information brochure for complete warranty information.

CERTIFICATIONS AND RATINGS

EFFICIENCY

The water heaters are UL/ULC listed and exceed the minimum efficiency requirements of current ASHRAE Standards.

SAFETY AND CONSTRUCTION

All water heaters are supplied with an AGA/ASME rated temperature and pressure relief valve. The control panel is an integrated solid state temperature and ignition control device with integral diagnostics, LED fault display capability and a digital display of temperature settings.

CERTIFIED FOR A 150 PSI MAXIMUM WORKING PRESSURE.



In keeping with its policy of continuous progress and product improvement, Rheem-Ruud reserves the right to make changes without notice.

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Not all models are available in Canada.

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