PERFORMANCE®



The new degree of comfort.

PERFORMANCE® Ultra Low NOx gas water heaters offer a six-year warranty and are SCAQMD rule 1121 compliant with 10 ng/J NOx emissions

Efficiency

📕 .58 - .63 UEF

More hot water at a low operating cost

Performance

FHR: 51 - 99 gallons for natural gas

Recovery: 30 to 45.5 GPH a 90° F rise

Maintenance Free Burner System

- Exclusive fuel shut-off device
- Maintenance free no filter to clean
- Disables the heater in the presence of flammable vapor accumulation



Maintenance Free

Low Emissions

Ultra Low NOx radiant burner design



Stainless steel burner construction

SCAQMD Rule 1121 compliant

Meets 10 ng/J NOx requirements

Easy to Light

No matches required

Longer Life

Premium grade anode rod provides long-lasting tank protection

Diagnostic Valve

Self powered diagnostic gas control valve for improved monitoring and service

High Altitude Compliant

Select models certified up to 10,000 ft. above sea level

Plus...

- Skinny models with smaller tank diameter 16 & 18" diameter
- Side water connections for space heating applications **available on select models**
- Enhanced flow brass drain valve
- Temperature and pressure relief valve included
- Factory installed temperature and pressure relief valve on select models
- Low lead compliant

Warranty

6-Year limited warranty for tank and parts, 1-year full in-home labor warranty*

*See written warranty for complete details

Units meet or exceed ANSI requirements and have been tested according to D.O.E. procedures. Units meet or exceed the energy efficiency requirements of NAECA, ASHRAE standard 90, ICC Code and all state energy efficiency performance criteria.



PERFORMANCE Ultra Low NOx

29, 40, 50 and 55-Gallon Capacities Up to 48,000 BTU/h



See specifications chart on back.



PERFORMANCE[®] Ultra Low NOx Gas Specifications

Fuel type DescriptionNorminal Galion CapacetlyReade Galion Galion Galion ButhModel ButhRecover ButhRecover Faith ButhFirst Hour Ration ButhHan ButhHan ButhBan ButhBan ButhHan ButhHan ButhRecover ButhHan ButhRecover ButhHan ButhRecover ButhHan ButhRecover ButhHan ButhRecover ButhHan ButhRecover ButhHan B																			
Natural Gas Tall 50 48 XG50T06EN38U2 38 38 86 61-1/4 58-3/8 20-1/2 14 3 or 4 8 51-3/8 3/4 150 0.63 Natural Gas Short 50 48 XG5006EN40U1 40 40 85 54-1/4 51-1/8 23-3/4 14 3 or 4 8 44-1/4 3/4 166 0.63 Natural Gas Short 40 38 XG40706EN38U1 38 38 672 61-1/2 58-1/2 19 14 3 or 4 8 44-1/4 3/4 120 0.58 Natural Gas Short 40 38 XG40706EN38U1 38 38 68 51-1/8 16-1/2 14 3 or 4 8 50-7/8 3/4 110 3/4 110 0.66 Natural Gas Tall 20 8 38 68 61-1/4 58-3/8 20-1/2 14 3 or 4 8 - 3/4 150 </th <th>Fuel Type</th> <th>Description</th> <th>Gallon</th> <th>Gallon</th> <th></th> <th>in Thous.</th> <th>in G.P.H.</th> <th>Rating</th> <th>Vent</th> <th>Height</th> <th></th> <th>Gas Conn.</th> <th>Size</th> <th>Conn. Center</th> <th>T&P Valve</th> <th>Conn. Size</th> <th>Weight</th> <th>Energy Factor</th> <th>MAX ALTITUD (FEET)</th>	Fuel Type	Description	Gallon	Gallon		in Thous.	in G.P.H.	Rating	Vent	Height		Gas Conn.	Size	Conn. Center	T&P Valve	Conn. Size	Weight	Energy Factor	MAX ALTITUD (FEET)
Natural Gas Short 50 48 X650S06EN4001 40 40 85 54-14 51-1/8 23-3/4 14 3 or 4 8 44-1/4 3/4 186 0.63 Natural Gas Tall 40 38 X640T0EEN3801 38 38 72 61-1/2 58-1/2 19 14 3 or 4 8 44-1/4 3/4 186 0.63 Natural Gas Short 40 39 X630S06EN3801 38 38 68 52-1/8 49-1/4 21 14 3 or 4 8 42-3/4 3/4 127 0.58 Natural Gas Tall 29 28 X620706EN301 30 30 51 59-3/4 66-7/8 16-1/2 14 3 or 4 8 42-3/4 3/4 112 0.60 Performance - Self Powered Diagnostic Control with Top TAP Westing Gas Tall 40 38 X640T06TN3801 38 38 71 61-1/2 58-1/2 19 14	Performance	– Self Powere	d Diagnos	tic Control															
Natural Gas Tail 40 38 X640706EN38U1 38 38 72 61-1/2 58-1/2 19 14 3or 4 8 52-1/4 3/4 127 0.58 Natural Gas Short 40 39 X639506EN38U1 38 38 68 52-1/8 49-1/4 21 14 3 or 4 8 52-1/4 3/4 135 0.58 Natural Gas Tail 29 28 X629706EN30U1 30 30 51 59-3/4 6-1/2 14 3 or 4 8 42-3/4 3/4 112 0.60 Performance - Self Poweret/ Lispostic Control with Top T&P Natural Gas Tail 40 38 X640706TN38U1 38 38 86 61-1/4 58-3/8 20-1/2 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tail 50 48 X650706TN38U1 38 38 71 61-1/2 58-1/2 14 3 or 4 8	Natural Gas	Tall	50	48	XG50T06EN38U2	38	38	86	61-1/4	58-3/8	20-1/2	14	3 or 4	8	51-3/8	3/4	150	0.63	10,000
Natural Gas Short 40 39 XG39S06EN38U1 38 38 68 52-1/8 49-1/4 21 14 3 or 4 8 42-3/4 3/4 135 0.59 Natural Gas Tall 29 28 XG29T06EN30U1 30 50 59-3/4 56-7/8 16-1/2 14 3 or 4 8 42-3/4 3/4 135 0.59 Performance - Self Powere/ Diagnes// Control Vith Top T&P Vith Top T <td>Natural Gas</td> <td>Short</td> <td>50</td> <td>48</td> <td>XG50S06EN40U1</td> <td>40</td> <td>40</td> <td>85</td> <td>54-1/4</td> <td>51-1/8</td> <td>23-3/4</td> <td>14</td> <td>3 or 4</td> <td>8</td> <td>44-1/4</td> <td>3/4</td> <td>186</td> <td>0.63</td> <td>10,000</td>	Natural Gas	Short	50	48	XG50S06EN40U1	40	40	85	54-1/4	51-1/8	23-3/4	14	3 or 4	8	44-1/4	3/4	186	0.63	10,000
Natural Gas Tail 20 Add of a bit of a	Natural Gas	Tall	40	38	XG40T06EN38U1	38	38	72	61-1/2	58-1/2	19	14	3 or 4	8	52-1/4	3/4	127	0.58	10,000
Performance - Self Powered Diagnostic Control with Top T&P Natural Gas Tall 50 48 XG50T06TN38U1 38 38 86 61-1/4 58-3/8 20-1/2 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06TN38U1 38 38 71 61-1/2 58-1/2 19 14 3 or 4 8 - 3/4 150 0.63 Performance - Self Powered Diagnostic Control - High Demand Natural Gas Tall 55 55 XG55T06EN45U2 45.5 99 59-1/8 55-7/8 23-3/4 14 4 8 47-3/4 3/4 188 0.62 Performance - Self Powered Diagnostic Control - High Demand Natural Gas Tall 50 48 XG50T06EN45U2 45.5 99 59-1/8 57-1/8 24 4 4 4 11 51-7/8 3/4 180 0.63 Performance - Skinny Mode	Natural Gas	Short	40	39	XG39S06EN38U1	38	38	68	52-1/8	49-1/4	21	14	3 or 4	8	42-3/4	3/4	135	0.59	10,000
Natural Gas Tall 50 48 XG50T06TN38U1 38 38 86 61-1/4 58-3/8 20-1/2 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06TN38U1 38 38 71 61-1/2 58-1/2 19 14 3 or 4 8 - 3/4 150 0.63 Performance - Self Powered Diagnostic Control - High Demand 38 38 71 61-1/2 58-1/2 19 14 3 or 4 8 - 3/4 150 0.63 Performance - Self Powered Diagnostic Control - High Demand 38 71 61-1/2 58-7/8 23-3/4 14 4 8 47-3/4 3/4 188 0.62 Performance - High BTU Models with Installed Side Water Connections Natural Gas Tall 50 48 XG50T06EN48U0 48 46 88 61-3/4 58-1/2 21-3/4 4 4 11 51-7/8 3/4 150 0.	Natural Gas	Tall	29	28	XG29T06EN30U1	30	30	51	59-3/4	56-7/8	16-1/2	14	3 or 4	8	50-7/8	3/4	112	0.60	10,000
Natural GasTail4038XG40T06TN38U138387161-1/258-1/219143 or 48-3/41270.58Performance - Self Power- Diagnost: Control - High DemandNatural GasTail5555XG5T06EN45U245.59959-1/855-7/823-3/4144847-3/43/41880.62Performance - High BTU Models with Installed Water ConnectorNatural GasTail5048XG50T06EN48U0484668861-3/458-1/221-3/44441151-7/83/41500.63Performance - Skinny Models with Installed Top Table State ConnectorNatural GasTail5046XG50T06EN34U034348061-1/458-3/820143 or 48-3/41500.63Natural GasTail5046XG50T06EN34U034348061-1/458-3/820143 or 48-3/41500.63Performance - Skinny Models46XG50T06EN34U03434348061-1/458-3/820143 or 48-3/41500.63Pather In State International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">International Colspan="14">Internatio	Performance	– Self Powere	d Diagnos	tic Control	with Top T&P														
Performance - Self Powered Diagnostic Control - High Demand Natural Gas Tall 55 55 XG55T06EN45U2 45.5 99 59-1/8 55-7/8 23-3/4 14 4 8 47-3/4 3/4 188 0.62 Performance - High BTU Models with Installed Side Water Connections Natural Gas Tall 50 48 XG50T06EN48U0 48 46 88 61-3/4 58-1/2 21-3/4 4 4 11 51-7/8 3/4 150 0.63 Performance - Skinny Models with Installed Top T&P Valve Natural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Parformance - Skinny Models Wold 34	Natural Gas	Tall	50	48	XG50T06TN38U1	38	38	86	61-1/4	58-3/8	20-1/2	14	3 or 4	8	-	3/4	150	0.63	10,000
Natural Gas Tail 55 55 XG55T06EN45U2 45 45.5 99 59-1/8 55-7/8 23-3/4 14 4 8 47-3/4 3/4 188 0.62 Performance - High BTU Models with Installed Side Water Connections Vatural Gas Tail 50 48 XG50T06EN48U0 48 46 88 61-3/4 58-1/2 21-3/4 4 4 11 51-7/8 3/4 150 0.63 Performance - Skinny Models with Installed Top T&P Valve Valural Gas Tail 50 46 XG50T06EN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tail 40 38 XG60T06TN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tail 40 38 XG50T06EN34U0 34 34 71 61-1/2	Natural Gas	Tall	40	38	XG40T06TN38U1	38	38	71	61-1/2	58-1/2	19	14	3 or 4	8	-	3/4	127	0.58	10,000
Performance - High BTU Models with Installed Side Water Connections Natural Gas Tall 50 48 XG50T06EN48U0 48 46 88 61-3/4 58-1/2 21-3/4 4 4 11 51-7/8 3/4 150 0.63 Performance - Skinny Models with Installed Top T&P Valve Natural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06TN34U0 34 34 71 61-1/2 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG50T06TN34U0 34 34 71 61-1/2 58-3/8 20 14 3 or 4 8 - 3/4 135 0.58 Performance - Skinny Models XG50T06EN34U0 34 34 <t< td=""><td>Performance</td><td>– Self Powere</td><td>d Diagnos</td><td>tic Control</td><td>– High Demand</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Performance	– Self Powere	d Diagnos	tic Control	– High Demand														
Natural Gas Tall 50 48 XG50T06EN48U0 48 46 88 61-3/4 58-1/2 21-3/4 4 4 11 51-7/8 3/4 150 0.63 Performance - Skinny Models with Installed Top T&P Valve Valural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/2 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06TN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 - 3/4 150 0.63 Performance - Skinny Models Violational Gas Tall 50 46 XG50T06EN34U0 34 34 80 61-1/4 58-3/8 20 <td>Natural Gas</td> <td>Tall</td> <td>55</td> <td>55</td> <td>XG55T06EN45U2</td> <td>45</td> <td>45.5</td> <td>99</td> <td>59-1/8</td> <td>55-7/8</td> <td>23-3/4</td> <td>14</td> <td>4</td> <td>8</td> <td>47-3/4</td> <td>3/4</td> <td>188</td> <td>0.62</td> <td>10,000</td>	Natural Gas	Tall	55	55	XG55T06EN45U2	45	45.5	99	59-1/8	55-7/8	23-3/4	14	4	8	47-3/4	3/4	188	0.62	10,000
Performance - Skinny Models with Installed Top T&P Valve Natural Gas Tall 50 46 XG50T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06TN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 - 3/4 135 0.58 Performance - Skinny Models Valural Gas Tall 50 46 XG50T06EN34U0 34 34 80 61-1/2 58-1/2 18 14 3 or 4 8 - 3/4 135 0.58 Performance - Skinny Models Valural Gas Tall 50 46 XG50T06EN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 51-3/8 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2	Performance	– High BTU M	odels with	Installed S	Side Water Connect	ions													
Natural Gas Tall 50 46 X650T06TN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Natural Gas Tall 50 46 X650T06TN34U0 34 34 71 61-1/2 58-3/8 20 14 3 or 4 8 - 3/4 150 0.63 Performance - Skinny Modern Secondary <	Natural Gas	Tall	50	48	XG50T06EN48U0	48	46	88	61-3/4	58-1/2	21-3/4	4	4	11	51-7/8	3/4	150	0.63	10,000
Natural Gas Tall 40 38 XG40T06TN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 - 3/4 135 0.58 Performance - Skinny Natural Gas Tall 50 46 XG50T06EN34U0 34 34 80 61-1/2 58-3/8 20 14 3 or 4 8 51-3/8 3/4 150 0.58 Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2 58-3/8 20 14 3 or 4 8 51-3/8 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2 58-3/8 20 14 3 or 4 8 51-3/8 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 <td>Performance</td> <td>– Skinny Mod</td> <td>els with In</td> <td>stalled To</td> <td>o T&P Valve</td> <td></td> <td>÷</td> <td></td> <td></td> <td></td> <td>ż</td> <td></td> <td></td> <td></td> <td>·</td> <td></td> <td>č</td> <td></td> <td></td>	Performance	– Skinny Mod	els with In	stalled To	o T&P Valve		÷				ż				·		č		
Performance - Skinny Model <th< td=""><td>Natural Gas</td><td>Tall</td><td>50</td><td>46</td><td>XG50T06TN34U0</td><td>34</td><td>34</td><td>80</td><td>61-1/4</td><td>58-3/8</td><td>20</td><td>14</td><td>3 or 4</td><td>8</td><td>-</td><td>3/4</td><td>150</td><td>0.63</td><td>5,400</td></th<>	Natural Gas	Tall	50	46	XG50T06TN34U0	34	34	80	61-1/4	58-3/8	20	14	3 or 4	8	-	3/4	150	0.63	5,400
Natural Gas Tall 50 46 XG50T06EN34U0 34 34 80 61-1/4 58-3/8 20 14 3 or 4 8 51-3/8 3/4 150 0.63 Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 51-3/8 3/4 150 0.63	Natural Gas	Tall	40	38	XG40T06TN34U0	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	-	3/4	135	0.58	5,400
Natural Gas Tall 40 38 XG40T06EN34U0 34 34 71 61-1/2 58-1/2 18 14 3 or 4 8 52-1/4 3/4 135 0.58	Performance	– Skinny Mod	els																
	Natural Gas	Tall	50	46	XG50T06EN34U0	34	34	80	61-1/4	58-3/8	20	14	3 or 4	8	51-3/8	3/4	150	0.63	5,400
Natural Gas Tali 29 28 XG29T06EN27U0 27 31 58 59-3/4 56-7/8 16 14-1/4 3 or 4 11 50-3/4 3/4 112 0.60	Natural Gas	Tall	40	38	XG40T06EN34U0	34	34	71	61-1/2	58-1/2	18	14	3 or 4	8	52-1/4	3/4	135	0.58	5,400
	Natural Gas	Tall	29	28	XG29T06EN27U0	27	31	58	59-3/4	56-7/8	16	14-1/4	3 or 4	11	50-3/4	3/4	112	0.60	7,800

Uniform Energy Factor and rated gallon capacity based on Department of Energy (DOE) requirements.



Side T&P Models





Top T&P Models

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