

Intellihot Endless water. Zero waste.[™]

COMMERCIAL

iQ3001, Gen II



- Wi-Fi Connectivity Using our mobile app remote access and realtime monitoring of your Gen II unit are made possible with the new Wi-Fi and 3G/4G connectivity feature. Each unit can be easily connected to your building's router or to Intellihot's internet hub.
- **Touch-Screen** Easily access daily, weekly, and monthly usage data, troubleshooting info, and longevity of parts via a large, intuitive touch-screen. Floor model units feature a 7"color touch-screen.
- **telliCare**[®] telliCare is a Wi-Fi enabled, prognostics and predictive maintenance service for all Gen II iQ tankless water heaters. This monitoring service covers 100% parts and *is free for the first two years after the install date.*

APPLICATIONS

Hotels, Multi-Family Complexes, Sky-Rise and High-Rise Buildings, Stadiums

HIGH-OUTPUT, INDOOR/OUTDOOR, ON-DEMAND WATER HEATER

TECHNOLOGY OVERVIEW

Our iQ3001 floor-standing units deliver the highest capacity in the industry – up to 3 million BTUs – with no storage tanks required. Designed for very large volume, commercial applications, these high-input units slash capital costs by up to 50%, and decrease operational costs by up to 40%, when compared to traditional tank-type systems.

iQ3001 delivers approximately 3.0 million BTU/hr

iQ3001 | KEY FEATURES

- Masterless Cascading Up to two iQ3001 floor units can be cascaded for unprecedented capacity up to 160 GPM at a 70°F rise. Eliminate single-point failure with our patented Masterless Cascading technology. If one unit is offline for servicing, all other units regroup and continue to operate.
- Eliminate Mixing Valves & Lower Legionella Risks With no storage tanks, there's a lower risk for Legionella growth. By eliminating the need for mixing valves, this feature also reduces their associated unreliability and costs.
- **High Turndown Ratio** With an industry leading turndown ratio, 100:1, our units provide unparalleled gas savings.
- **Compact Unit** Featuring a 30" width and a 1645 lb. weight, iQ floor units fit through elevator doors and are ideal where space is at a premium.
- **Common Venting Capabilities** Easily vent multiple iQ floor units with a common venting.
- ASME-HLW Compliant Suitable for applications managed by engineers, specifiers and contractors.
- Factory Supplied Strainer Units deliver debris-free inlet water to the system.

INDUSTRY BEST WARRANTY

10-Year Commercial HX Warranty

iQ3001 Specifications

Content Content <t< th=""><th rowspan="2">PARAMETERS</th><th>MODELS</th></t<>	PARAMETERS	MODELS
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Assimum hopi (HTU/hr) 3.020,000 Assimum hopi (HTU/hr) 2.820,940 Ismmal Efficiency 9.6% Imm Demotection 100-1 Stern Het / Outer Connection 2.7 Gas Intel With 6" On Prange Stern Het / Outer Connection 2.7 Gas Intel With 6" On Prange Stern Het / Outer Connection 2.7 Gas Intel With 6" On Prange Stern Het / Outer Connection 2.7 Gas Intel With 6" On Prange Stern Het / Outer Connection 3.47 Files PVC Automation Conference 6.77.3 30.8 Go.4 (66 CU, FT) Immersiones H X W X D (Inches) 6.77.3 30.8 Go.4 (66 CU, FT) Immersiones H X W X D (Inches) 7.07.4 So.8 Go.4 (66 CU, FT) Immersiones H X W X D (Inches) Sect. 40 PVC, Sch. 80 CFVC, Polyprepytone, Stainkes Steal (AL29.4C) Versing Maturals (USA) Sect. 40 PVC, Sch. 80 CFVC, Polyprepytone, Stainkes Steal (AL29.4C) Versing Maturals (Canadi) Type I H Gas Vant Classes: I A (PVC), I II (CPVC), II (PVP)erpolyprepytone, I (AL 23-4C) SS Mats Yue Longth - Two Pip / Dover Vent* 8.7 (10") Mats Yue Longth - Two Pip / Dover Vent* 9.0 For Mats Yue Longth - Two Pip / Dover Vent* 9.0 For Stern Har Seconsing 1000-1 <td>Fuel</td> <td>Preset for NG / LP convertible</td>	Fuel	Preset for NG / LP convertible
Jasimum Output (BTU/hr) 2,820,940 hermal Efforency 9456 um Down Rote (TDR) 00.1 State Intel Connections 27 dash invel With 8* 010 Hange State Intel Connection 27 dash invel With 8* 010 Hange State Intel Connection 3/4* Flac PVC Maximum Oundariate Row Rate (GPH) 67.72 X3 X 60.4 (66 CU, ET) Interactions HX XX D (Inchas) 67.72 X3 X 60.4 (66 CU, ET) Fereder Detain Connection 3/4* Flac PVC Maximum Oundariate Row Rate (GPH) 67.72 X3 X 60.4 (66 CU, ET) Fereder Detain Connection 3/4* Flac PVC Vegit (LIS) 1645 LIS Fereder Detain Connection 3/4* Flac PVC Vegit (LIS) Direct Vert (2 pips - intake & exhoust). Power Vent (1 pips - exhoust onv) State Toget Pop 2 Power Vent * 8* 0 Vent Larght - Two Right Pop 2 Power Vent * 8* 0 Vent Larght - Two Right Pop 2 Power Vent * 8* 0 Vent Larght - Two Right Pop 2 Power Vent * 8* 0 Vent Erg Power Vent * 900* Flac Power Vent * Vent Erg Power Vent * 8* 0 Vent Erg Power Vent * 8* 0	Minimum Input (BTU/hr)	30,000
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unr bown Reito (1DR) 001 Water Mark / Cutter Connections 3" Headers with 5.5" CD Flange Earlier Connection 3.4" Flax PNC Assamma Condensate Row Rate (GPH) 67.7.55 X 60.4 (66 CU.FT) Immensions H XV XD (Inches) 67.7.55 X 60.4 (66 CU.FT) Barrians Condensate Row Rate (GPH) 67.7.55 X 60.4 (66 CU.FT) Barrians XD (Inches) 67.7.55 X 60.4 (66 CU.FT) Barrians XD (Inches) Forgured 24" on all sides, 32" in the front Water Mater XD (Inches) 16.7.55 X 60.4 (66 CU.FT) Barrians XD (Inches) Forgured 24" on all sides, 32" in the front Mater XD (Inches) Direct Vent (2 ppe - intake & exhaust), Power Vent (1 ppe - exhaust only) Start AD (Inches) Start AD PVC, Start BO (CPVC, Palgroppiers, Statellass Statel (AD2-AC) Karing Materials (USA) Start AD PVC, Start BO (CPVC, Palgroppiers, Statellass Statel (AD2-AC) Karing Materials (USA) Type BH Ges Vent Capses. II (APVC), II (C PAlgroppiers, Statellass Statel (AD2-AC) Karing Materials (USA) State AD PVC, State BO (PVC, Palgroppiers, Statellass Statel (AD2-AC) Ker Length - Two Tipe Z Power Vent * 80 forg (P) Mater Vanting Materials (USA) State AD PVC, State BO (PAL) Ratory	Maximum Output (BTU/hr)	2,820,940
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las inlet Connection 2° Ges Inlet Weh 6° OD Flange Condensate Drain Connection 3/4° Flax PVC Masamar Condensate Flow Rate (GPH) 21.6 Unrensome H X W X D (Inches) 67.7.X 30 X 60 4 68 CDL FT) Service Clearances Required 24° on all addes, 32° in the front VeryIn (LSS) Derect Veri (P ope - instace & edituats), Power Veri (P ope - exhaust only) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, Stating State (Al2-9-C) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, Stating State (Al2-9-C) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, State (Al2-9-C) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, State (Al2-9-C) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, State (Al2-9-C) VeryIng Materials (USA) Sch.40 PVC, Sch.80 CPVC, Pohyropytens, State (Al2-9-C) Very Inspective State (SPVC) III CPVC), III C (Pohyropyten), I (Al 2-9-C) Sch.90 PVC Very Inspective State (SPVC) VeryIng Materials (SPVC) Very Inspective State (SPVC) III CPVC), III C (Pohyropyten), I (Al 2-9-C) Sch.90 PVC Very Inspective State (SPVC) Very Inspective State (SPVC) VeryInspective State (SPVC) SPVC (SPV Northo	Turn Down Ratio (TDR)	100:1
andenaste Drain Connection 3/4" Flax PVC deatmum Condensate Flow Rote (GPH) 216 Martinum Condensate Flow Rote (GPH) 67.7 X0 X0 4.06 CU.F) ienvice Clearances Required 24" on all aides, 32" in the front Weight (LSS) Direct Vent (2 pipe - Intake & achisus), Power Vent (1 pipe - exhaust only) ferring Materials (Claads) Sch. 40 PVC, Sch. 80 CPVC, Polypropylene, Stainless Steel (AL29-4C) ferring Materials (Claads) Type BH Gas Vent Claasses: III A (PVC), III C (Pulypropylene), I (AL 29-4C SS) ferring Sco (Diameter) 8" 0 dax Vent Length - Single Pipe / Power Vent* 70 ft (8") dax Vent Length - Two Pipe / Direct Vent* 70 ft (8") emparature Stability * Venting Note: From the maximum lengths above, deduct 5 ft, per 90° labow and 2 ft, per 45° albow pristaliton Location Ambient Temperature 100°F - 130°F stability + / 40°F stability - 2.5" WC (K* non-corrugated, black iron) V6/LP - Min. Dynamic Gas Pressure (Full Fire) 2.5" WC (K* non-corrugated, black iron) V6/LP - Maximum Static Gas Pressure (Full Fire) 2.5" WC (K* non-corrugated, black iron) V6/LP - Maximum Static Gas Pressure (Full Fire) 2.5" WC (K* non-corrugated, black iron)	Water Inlet / Outlet Connections	3" Headers with 7.5" OD Flange
Aaimum Condensate Flow Rate (GPH) 21.6 Dimensions H X W X D (Inches) 67.7 X 30 X 60.4 (66 CU. FT) Privace Clearnoos Required 24" on all sides, 32" Weight (LBS) 1845 LBS Ferturg Type Direct Vent (2 pipe - intels & exhaus), hower Vent (1 pipe - exhaust only) Venting Materials (CIAA) Sch. 40 PCX, Sch. 80 CVX, Pulypropilene, Stanless Steel (A2.9-4C) Vent Length - Single Pipe / Power Vent* 8" 0 Vex Vent Length - Single Pipe / Power Vent* 70 tt (8") Vex Vent Length - Two Pipe / Direct Vent* 90 ellow and 2 ft, per 45° ellow after Vent Ing Note: From the maximum lengths above, deduct 5 ft, per 90° ellow and 2 ft, per 45° ellow 100PF - 190°F apriotion Electronic Spark (pation 100PF - 190°F respecture Stability + / 49F 100°F vext Pressure Min / Max (PSIG) Stort of 10 ellow and 2 ft, per 45° ellow Vext Pressure Min / Max (PSIG) Stort of 10 ellow and 2 ft, per 45° ellow Vext Pressure Min / Max (PSIG) Fame Rod, Thermal Fuse, Overheat Prevention Dovers, Fan Speed Montor, Flue Temperature Anone Vext Pressure Min / Max (PSIG) Stort of 10 ellow Vext Pressure Min / Max (PSIG) Stort per ellow <	Gas Inlet Connection	2" Gas Inlet With 6" OD Flange
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Barviso Clearances Required 24" on all sides, 32" in the front Weight (LBS) 1645 LBS Weight (LBS) Direct Went (2 pipe - Intake & exhaust). Power Yent (1 pipe - exhaust only) Venting Materials (USA) Sch. 40 PVC, Sch. 80 CPVC, Polypropylene, Stainless Steel (AL29-4C) Venting Materials (Canada) Type BH Gas Vent Classes: II A (PVC). II B (CPVC), II C (Polypropylene), I (AL 29-4C SS) Vent Length - Single Pipe / Power Vent* 0 ft (8") Aav Vent Length - Two Pipe / Direct Vent* 3 5t ft (8") * Venting Note: From the maximum lengths above, deduct 5 ft, per 90° elbow and 2 ft, per 45° elbow gation Electronic Spark (gation remperature Range 100° - 100°F any Power Vent * 3 5t ft (8") vent Location Ambient Temperature 40° - 100°F stallation Location Ambient Temperature 40° - 100°F Varter Pressure Min / Max (PSIG) 30 / 160 GACLP - Maximum Static Gas Pressure (Full File) 2.5" WC (4" non-orrugated, black iron) VALP - Maximum Static Gas Pressure Full File) 30 / 160 Vent Consumption 2 Circuits - Max 30 Amps (Per Circuit) teriand Water Volume (galons) 12 teriand Water Volume (galons)	Maximum Condensate Flow Rate (GPH)	21.6
Waght (LBS) 1645 LBS Venting Vipe Direct Vent (2 pipe - Intake & exhaust). Power Vent (1 pipe - exhaust only) Venting Miterials (USA) Sch. 40 PVC, Sch. 80 CPVC. Polypopyleme, Starless Steel (AL29-4C) Venting Miterials (Canada) Type BH Gas Vent Classes: II A (PVC), II B (CPVC), II C (Polypopylem), I (AL 29-4C SS) Vent Length - Two Pipe / Direct Vent* 8 ° 0 Ask Vent Length - Two Pipe / Direct Vent* 35 ft (8") * Venting Note: From the maximum lengths above, deduct 5 ft, per 90° ellow and 2 ft, per 45° ellow gration Electronic Spark lightion imperature Range 100°F - 130°F remperature Stability 4.0°F - 130°F Vent Incade Vent Stability -4.4°F Vertor Wint / Max (PSIG) 30 / 160 VGC P - Min. Dynamic Gas Pressure (Full Fire) 2.5° WC (%" non-corrugated, black iron) VGC P - Maximum Static Gas Pressure (Full Fire) 2.1° WC for INS 30 Anpo (Per Clault) as Pressure for Adjustments 8 ° SO as Pressure for Volum (Jugition) 100-1 internal Visc Volum (Jugition) 30 / 160 VGC P - Maximum Static Gas Pressure 100 ° P Jater Pressure for Adjustments 8 ° WC for IN ° WC for ILP <td>Dimensions H X W X D (Inches)</td> <td>67.7 X 30 X 60.4 (66 CU. FT)</td>	Dimensions H X W X D (Inches)	67.7 X 30 X 60.4 (66 CU. FT)
Direct Vent (2 pipe - intake & exhaust), Power Vent (1 pipe - exhaust only) Venting Materials (USA) Direct Vent (2 pipe - intake & exhaust), Power Vent (1 pipe - exhaust only) Venting Materials (USA) Sch. 40 PVC, Sch. 80 CPVC, Dipyropylene, Stainless Steel (AL29-4C) Venting Materials (Carada) Type BH Gas Vent Classes: II A (PCVC), II C (Polypropylene), I (AL 29-4C SS) Bert Size (Dameter) B* 0 Asx Vent Length - Single Pipe / Direct Vent* Sch (0 PVC, Sch. 80 CPVC, Polypropylene), I (AL 29-4C SS) Ask Vent Length - Single Pipe / Direct Vent* Sch (0 PVC, Sch. 80 CPVC, Polypropylene), I (AL 29-4C SS) after Size (Dameter) B* 0 Ask Vent Length - Single Pipe / Direct Vent* Sch (0 PVC, Sch. 80 CPVC, Polypropylene), I (AL 29-4C SS) after Size (Dameter) B* 0 B* 0 after Size (Dameter) B* 0 B* 0 after Size (Dameter) B* 0 B* 0 B* 0 after Size (Dameter) B* 0 B* 0 B* 0 after Size (Dameter) B* 0 B* 0 B* 0 after Size (Dameter) B* 0 B* 0 B* 0 B* 0 after Size (Dameter) B* 0 D* 0 B* 0 B* 0	Service Clearances	Required 24" on all sides, 32" in the front
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Arriting Materials (USA) Sch. 40 PVC, Sch. 80 CPVC, Polypropylene, Stainless Steel (AL29-4C) Venturg Materials (Canada) Type BH Gas Vent Classes: II A (PVC), II B (CPVC), IC (Polypropylene), I (AL 29-4C SS) Vent Length - Single Pipe / Power Vent* 8*0 Ake Vent Length - Single Pipe / Divert Vent* 3*0 * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° ellow and 2 ft. per 45° ellow grittion * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° ellow and 2 ft. per 45° ellow grittion * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° ellow and 2 ft. per 45° ellow grittion * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° ellow and 2 ft. per 45° ellow grittion 100°F - 190°F remperature Range 100°F fernperature Stability -/. 4°F nstallation Location Ambient Temperature 40°F Vert Pressure Min / Max (PSIG) 30 / 160 VG/LP - Min. Dynamic Gas Pressure (Full Fire) 2.5* WC (% ron-o-orrugated, black iron) VG/LP - Maximum Static Gas Pressure 8* WC for NG, 11* WC for LP detrictional 120 VAC, 60 Hz vere Consumption 2 Circuits - Max 30 Amps (Per Circuit) tetterind Advert V	Venting Type	Direct Vent (2 pipe - intake & exhaust), Power Vent (1 pipe - exhaust only)
Image Meterials (Canada) Type BH Gas Vent Classes: II A (PVC), II B (CPVC), II C (Polypropylene), I (AL 29-4C SS) Vent Length - Single Pipe / Power Vent* 8* 0 Aka Vent Length - Single Pipe / Direct Vent* 70 ft (8*) * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow 8* 0 * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow 8* 0 * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow 900° Ft. 190° Ft. * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow 900° Ft. 190° Ft. * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow 900° Ft. 190° Ft. * emperature Stability + /. 49° ft. 900° Ft. 190° Ft. * Stallation Location Ambient Temperature 400° Ft. 300° ft. 900° Ft. Vert Pressure Min / Max (PSIG) 2.8° WC (% non-corrugated. black iron) 900° ft. Vert Pressure Min / Max (PSIG) 2.8° WC (% non-corrugated. black iron) 900° ft. Vert Pressure Min / Max (PSIG) 2.8° WC (% non-corrugated. black iron) 900° ft. Vert Pressure Min / Max (PSIG) 2.8° WC (% non-corrugated. black iron) 900° ft. <td>Venting Materials (USA)</td> <td></td>	Venting Materials (USA)	
Vent Size (Diameter) 8° Ø Jax Vent Length - Snöjle Pipe / Power Vent* 70 ft (8'') Jax Vent Length - Two Pipe / Direct Vent* 35 ft (8'') * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow * gnition Electronic Spark Ignition irrepreture Stability +/-/ 40°F stallation Location Ambient Temperature 40°F - 130°F stallation Location Ambient Temperature Flame Rod, Thermal Fuse, Overheat Prevention Device, Fan Speed Montor, Flue Temperature Montor Vert Pressure Min / Max (PSIG) 007 - 130°F Stallation Location Ambient Temperature Flame Rod, Thermal Fuse, Overheat Prevention Device, Fan Speed Montor, Flue Temperature Montor VG/LP - Min. Dynamic Gas Pressure (Full Fire) 2.5° WC (%" non-corrugated, black iron) VG/LP - Maximum Static Gas Pressure (Full Fire) 2.0° (%" non-corrugated, black iron) VG/LP - Maximum Static Gas Pressure 12 WC for NG, 11'' WC for LP Sae Pressure for Adjustments 0.0° (%' non-corrugated, black iron) VG/LP - Maximum Static Gas Pressure (Full Fire) 12 WC for NG, 11'' WC for LP Sae Pressure for Adjustments 16 G0001 Verter Onsumption 12 Curcuits - Max 30 Anps (Per Circuit)	5 · · ·	
Alax Vent Length - Single Pipe / Power Vent* 70 ft (8') Aax Vent Length - Two Pipe / Direct Vent* 35 ft (8') * Venting Note: From the maximum lengths above, deduct 5 ft. per 90° ellow and 2 ft. per 45° ellow ginton Temperature Range 100°F - 190°F remperature Stability +/.4 4°F Stability +/.4 4°F Stability +/.4 4°F Stability -/.4 4°F Vent Pressure Min / Max (PSIG) 50 / 150 Vater Pressure Min / Max (PSIG) 2.5' WC (Wr on-ocrugated, black iron) VG/LP - Mainum Static Gas Pressure (Full Fire) 2.5' WC (Wr on-ocrugated, black iron) VG/LP - Mainum Static Gas Pressure 4'' WC Betressure for Adjustments 8'' WC for NG, 11'' WC for LP Statistics 120'' AC, 60 Hz Yower Consumption 12 Vester Volume (galons) 12 Valuet Notation 100:1 Statistics 163001 Valuet Notation 100:1 Valuet Notation 100:1 Valuet Notation 100:1 Valuet Notation 100:1 Valuet Notation		
Ake Vent Lergh - Two Ppe / Direct Vent* 35 ft (8") * Venting Note: From the maximum lengths above, deduct 5 ft, per 90° elbow and 2 ft, per 45° elbow ginition Electronic Spark Ignition "emperature Range 100°F – 190°F iernperature Stability +/- 4°F stallation Location Ambient Temperature 40°F – 130°F stallation Location Ambient Temperature 40°F – 130°F Varter Pressure Min / Max (PSIG) Flame Rod. Thermal Fuse, Overheat Prevention Device, Fan Speed Monitor, Flue Temperature Monitor Stef V Flame Rod. Thermal Fuse, Overheat Prevention Device, Fan Speed Monitor, Flue Temperature Monitor VG/LP - Maximum Static Gas Pressure (Full Fire) 2.5° WC (4" non-corrugated, black iron) VG/LP - Maximum Static Gas Pressure 8" WC for NG, 11" WC for LP Electronic 120 V AC, 60 Hz Yener Volume (gallons) 12 Gintrace 10001 tigh Tun Down 100.1 Stall-In Redundancy Multiple Heat Engines with Individual Control Seacading Wester Seas 316L Stall-In Redundancy Est Location A S, ASME HLW Wetor Capacity (dPF Ree) Est Locatino A (300) Vetor Capacity (dPF		
* Venting Note: From the maximum lengths above, deduct 5 ft. per 90° elbow and 2 ft. per 45° elbow gnition Electronic Spark Ignition Temperature Range 100°F - 190°F "emperature Stability +/-4°F stallation Location Ambient Temperature 40°F - 150°F stallation Location Ambient Temperature 40°F - 150°F stafety Flame Rod, Thermal Fuse, Overheat Prevention Device, Fan Speed Monitor, Flue Temperature Monitor, Blocked Vent Detector, Dual Flame Sensing VALP - Min. Dynamic Gas Pressure (Full Fire) 2.5° WC (4″ non-corrugated, black iron) VG/LP - Maximum Static Gas Pressure 14° WC ase Pressure for Adjustments 8° WC for NG, 11° WC for LP electrice 120VAC, 60 Hz voer Consumption 2 Circuits - Max 30 Amps (Per Circuit) nternal Water Volume (galons) 12 electroce 160X01 tigh Turn Down 100.1 Multiple Heat Engines with Individual Control 2 acading Masteriess, 2 units, Automatic Rotation Commo Venting Yes - up to 2 units etat Exchanger Expandable, Stainless 316L Lising ETL (221:0.3 / CSA 4.3), ASME HLW	5 5 1	
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	Hot Water Capacity (140F Rise)	40.5
Varranty (with recirculation, and unlimited thermal cycles)	Warranty (with recirculation, and unlimited thermal cycles)	Heat Exchanger Coil – 10 years. All Other Parts – 2 years

Warranty (with recirculation, and unlimited thermal cycles

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