

# New! Bosch Therm gas tankless water heaters

Introducing Bosch Therm. Our newest line of tankless water heaters. This expanded and advanced line includes efficient condensing and non-condensing tankless water heaters with more compact models and greater installation versatility - to satisfy every possible residential application.



| Residential Series      |   |   |                         |                         |                         |                         |                         |                       |                       |                       |
|-------------------------|---|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|-----------------------|-----------------------|
| Model/Part Number       | C 1210 ES NG / C 1210 ES LP             | C 1050 ES NG / C 1050 ES LP             | 940 ES NG / 940 ES LP   | 940 ESO NG / 940 ESO LP | 830 ES NG / 830 ES LP   | 660 EF NG / 660 EF LP   | 660 EFO NG / 660 EFO LP | 520 HN NG / 520 HN LP | 520 PN NG / 520 PN LP | 330 PN NG / 330 PN LP |
| Applications            | Residential                             | Residential                             | Residential             | Residential             | Residential             | Residential             | Residential             | Residential           | Residential           | Residential           |
| Condensing / Non        | Condensing                              | Condensing                              | Non Condensing          | Non Condensing          | Non Condensing          | Non Condensing          | Non Condensing          | Non Condensing        | Non Condensing        | Non Condensing        |
| Max. Input              | 225,000                                 | 199,000                                 | 199,000                 | 199,000                 | 175,000                 | 140,000                 | 140,000                 | 117,000               | 117,000               | 74,900                |
| Min. Input              | 25,000                                  | 19,900                                  | 19,900                  | 19,900                  | 19,900                  | 20,000                  | 20,000                  | 30,735                | 30,735                | 30,735                |
| Thermal Efficiency      | Up to 98%                               | 92%                                     | 83%                     | 83%                     | 83%                     | 83%                     | 83%                     | 80%                   | 78%                   | 78%                   |
| Capacity @ 35F Rise     | 12.1                                    | 10.5                                    | 9.4                     | 9.4                     | 8.3                     | 6.6                     | 6.6                     | 5.2                   | 5.2                   | 3.3                   |
| Capacity @ 55F Rise     | 7.7                                     | 6.7                                     | 6.0                     | 6.0                     | 5.3                     | 4.2                     | 4.2                     | 3.4                   | 3.3                   | 2.1                   |
| Energy Factor           | N/A                                     | .92                                     | .83                     | .83                     | .83                     | .82                     | .82                     | N/A                   | N/A                   | N/A                   |
| Activation Flow Rate    | 0.5 GPM                                 | 0.5 GPM                                 | 0.5 GPM                 | 0.5 GPM                 | 0.5 GPM                 | 0.5 GPM                 | 0.5 GPM                 | 0.6 GPM               | 0.5 GPM               | 0.5 GPM               |
| Temp Range (F)          | 100-140                                 | 100-140                                 | 100-140                 | 100-140                 | 100-140                 | 100 - 160               | 100 - 160               | High to low           | High to low           | High to low           |
| Installation Options    | Indoor or Outdoor*                      | Indoor or Outdoor*                      | Indoor                  | Outdoor                 | Indoor or Outdoor*      | Indoor                  | Outdoor                 | Indoor                | Indoor                | Indoor                |
| Altitude Tested         | 8,000 ft.                               | 8,000 ft.                               | 8,000 ft.               | 8,000 ft.               | 8,000 ft.               | 4,500 ft.               | 4,500 ft.               | 4,500 ft.             | 4,500 ft.             | 4,500 ft.             |
| Venting Options         | PVC, CPVC, ABS, Cat III Stainless Steel | PVC, CPVC, ABS, Cat III Stainless Steel | Cat III Stainless Steel | N/A                     | Cat III Stainless Steel | Cat III Stainless Steel | N/A                     | Galvanized B-Vent     | Galvanized B-Vent     | Galvanized B-Vent     |
| Vent Maximum Run        | 63'                                     | 63'                                     | 61.25'                  | N/A                     | 61.25'                  | 45'                     | N/A                     | N/A                   | N/A                   | N/A                   |
| Water Pressure Range    | 30 - 150 psi                            | 30 - 150 psi                            | 30 - 150 psi            | 30 - 150 psi            | 30 - 150 psi            | 30 - 150 psi            | 30 - 150 psi            | 30 - 150 psi          | 30 - 150 psi          | 30 - 150 psi          |
| Water Connections       | ¾" NPT                                  | ¾" NPT                                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ½" NPT                | ½" NPT                | ½" NPT                |
| Min. NG Pressure        | 3.5" WC                                 | 3.5" WC                                 | 3.5" WC                 | 3.5" WC                 | 3.5" WC                 | 4" WC                   | 4" WC                   | 5.7" WC               | 5.7" WC               | 5.7" WC               |
| Gas Connection          | ¾" NPT                                  | ¾" NPT                                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                  | ¾" NPT                | ¾" NPT                | ½" NPT                |
| Dimensions              | 17.875 x 30.5 x 11.25                   | 17.875 x 30.5 x 11.25                   | 17.875 x 30.5 x 11.25   | 17.875 x 35 x 11.25     | 17.875 x 30.5 x 11.25   | 13.8 x 20.5 x 6.7       | 13.8 x 20.5 x 6.7       | 18.11 x 25.75 x 8.66  | 18.11 x 25.75 x 8.66  | 12.20 x 22.83 x 8.66  |
| Weight (Lbs)            | 88                                      | 74                                      | 67                      | 72                      | 67                      | 36                      | 36                      | 35                    | 35                    | 26                    |
| Heat Exchanger Warranty | 15 Years                                | 15 Years                                | 15 Years                | 15 Years                | 15 Years                | 15 Years                | 15 Years                | 15 Years              | 15 Years              | 15 Years              |
| All Other Parts         | 5 Years                                 | 5 Years                                 | 5 Years                 | 5 Years                 | 5 Years                 | 5 Years                 | 5 Years                 | 2 Years               | 2 Years               | 2 Years               |
| ICON KEY:               |   |   |                         |                         |                         |                         |                         |                       |                       |                       |

\*Outdoor installations require optional outdoor kit. 35°F capacity on C 1210 and C 1050 models based on installation with a mixing valve to overcome typical pressure loss through the water heater and system. \*\* Energy Star icon does not apply to C 1210 ES models.

# Application and feature icons



## RESIDENTIAL

Designed for single-family homes, townhomes and condominiums. You can also cascade the units for larger, multi-family dwellings.



## RECIRCULATION

Circulates warm water throughout the home for instant hot water. Bosch models maintain their 15-Year warranty when combined with an Ariston mini-tank, and offer a 3-year warranty when used as a direct source for recirculation.



## SPACE HEATING

Models marked with this icon can be used to provide both domestic hot water and space heating using radiant floor heating or a hydronic air handler system.



## SOLAR READY

Integrates with Bosch solar thermal systems for use as a back-up hot water source during inclement weather conditions.



## POINT-OF-USE

Compact tankless and mini-tank water heaters for smaller homes, garage apartments, break-rooms, public restrooms, janitor closets, salons, medical and veterinarian offices.



## LOW NOX 2012 SCAQMD COMPLIANT

Bosch condensing tankless models marked with this icon are ultra efficient and reduce NOx emissions ahead of the 2012 SCAQMD (14ng/j) regulations.



## ZERO EMISSIONS

Identifies our greenest products that produce no emissions.



## VENTS WITH PVC

These Bosch models can be vented with PVC for faster, easier and lower-cost installation.



## ENERGY STAR® RATED

These Bosch products are the most energy efficient and qualify for rebates.



## UP TO \$1500 FEDERAL TAX CREDIT

Currently eligible for a Federal Tax Credit up to 30% of the installed cost.



## 15 YEAR WARRANTY

Backed by our 15-Year residential tankless heat exchanger warranty.