



# Introducing Triangle Tube's innovative new warranty program

At Triangle Tube, our goal is to deliver the highest quality products to our customers throughout North America. As part of our continued commitment, we confidently introduce Triangle Tube's new industry-leading Three Point Warranty Program. To benefit from our Good, Better or Best Warranty Program, please log onto [www.TriangleTube.com](http://www.TriangleTube.com) for easy registration.



This is our ENTRY-level warranty, which offers a Lifetime Tank Warranty on all residential applications and 1-year parts with the Triangle Tube Smart 316 tank.

(Offered when your installation is NOT registered with Triangle Tube.)

\*See terms and conditions.



This is our HIGH-level warranty which offers a Lifetime Tank Warranty on all residential applications, 6-year parts and 3-year labor allowance for replacement of the tank within the first 36 months of your installation of the Triangle Tube Smart 316 tank. Your business will be added to the "find a contractor" section on the Triangle Tube website.

(Tank must be installed with a Triangle Tube boiler. Boiler and tank must be installed at the same time. Boiler and tank must be registered. Provide customer and contractor information, and upload a photo of the combustion readings from your combustion analysis on the boiler installation.) \*See terms and conditions.

\*Terms and conditions of warranty can be found on our website, [www.TriangleTube.com](http://www.TriangleTube.com)



This is our MID-level warranty which offers a Lifetime Tank Warranty on all residential applications, 1-year parts and 1-year labor allowance for replacement of the tank within the first 12 months of your installation of the Triangle Tube Smart 316 tank.

(Offered when you register the installation. Provide customer and contractor information.)

\*See terms and conditions.



# Triangle Tube offers the Smart choice in domestic hot water

## SPECIFICATIONS & FEATURES

Smart model	Smart 30	Smart 40	Smart 50	Smart 60	Smart 80	Smart 100	Smart 120
Diameter	22"	22"	22"	22"	26"	26"	32"
Height	38"	46"	57"	66"	61"	78"	72"
Boiler/Supply Return	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
Domestic Inlet/Outlet	3/4"	3/4"	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"
3rd Domestic Connection*	3/4"	3/4"	3/4"	3/4"	1 1/2"	1 1/2"	1 1/2"
Domestic Capacity (gal)	28	36	46	56	70	95	119
Heating Water Capacity (gal)	5	6	8	8	14	25	43
Heat Surface (sq. ft.)	13	16	20	24	28	36	42
Empty Weight (lbs)	115	135	165	190	271	362	479
Boiler Output (btu/hr)	87,000	112,000	140,000	270,000	300,000	337,000	420,000
1st Hour Recovery (gal/hr)	140	180	220	410	460	525	650
Continuous Flow (gal/hr)	115	150	185	360	400	450	560
Peak Flow (gal/10min)	40	50	65	100	125	150	190

CONDITIONS: 200° boiler water supply, 90° temperature rise

### Customer Service

**856-228-8881**

Email: [TechSupport@TriangleTube.com](mailto:TechSupport@TriangleTube.com)  
[CustomerService@TriangleTube.com](mailto:CustomerService@TriangleTube.com)

Corporate Office Email: [Sales@TriangleTube.com](mailto:Sales@TriangleTube.com)  
[Info@TriangleTube.com](mailto:Info@TriangleTube.com)

Triangle Tube reserves the right to make product changes or improvements at any time without notice.  
2017-10 Smart Series Literature - 3/31/20 rev



# smart<sub>316</sub> SERIES

New and improved Smart 316 comes with improved quality and our new Good, Better, Best warranty program.



NEW AND IMPROVED



[TRIANGLETUBE.COM](http://TRIANGLETUBE.COM)

THE ORIGINAL INNOVATORS



# New, improved and smarter than ever

## SMART 30 40 50 60 80 100 120

The Smart Series, Stainless Steel Indirect Water Heater, heats more hot water with less fuel for the energy conscious consumer.

With exclusive Tank-in-Tank technology and numerous upgrades, including 316L stainless steel inner tank, the Smart series delivers endless hot water with low maintenance and high reliability.

## EXCLUSIVE TANK-IN-TANK TECHNOLOGY

Tank-in-Tank technology is a stainless steel hot water tank entirely immersed within an outer tank which contains the system water. The corrugated inner stainless steel tank forms a large heat exchange surface that can heat the domestic hot water in a very short time. The outer tank is covered with a high-quality insulation, protected by a shock resistant plastic jacket.

DOMESTIC COLD INLET

AIR VENT CONNECTION

AUX CONNECTION

DOMESTIC HOT OUTLET

AQUASTAT

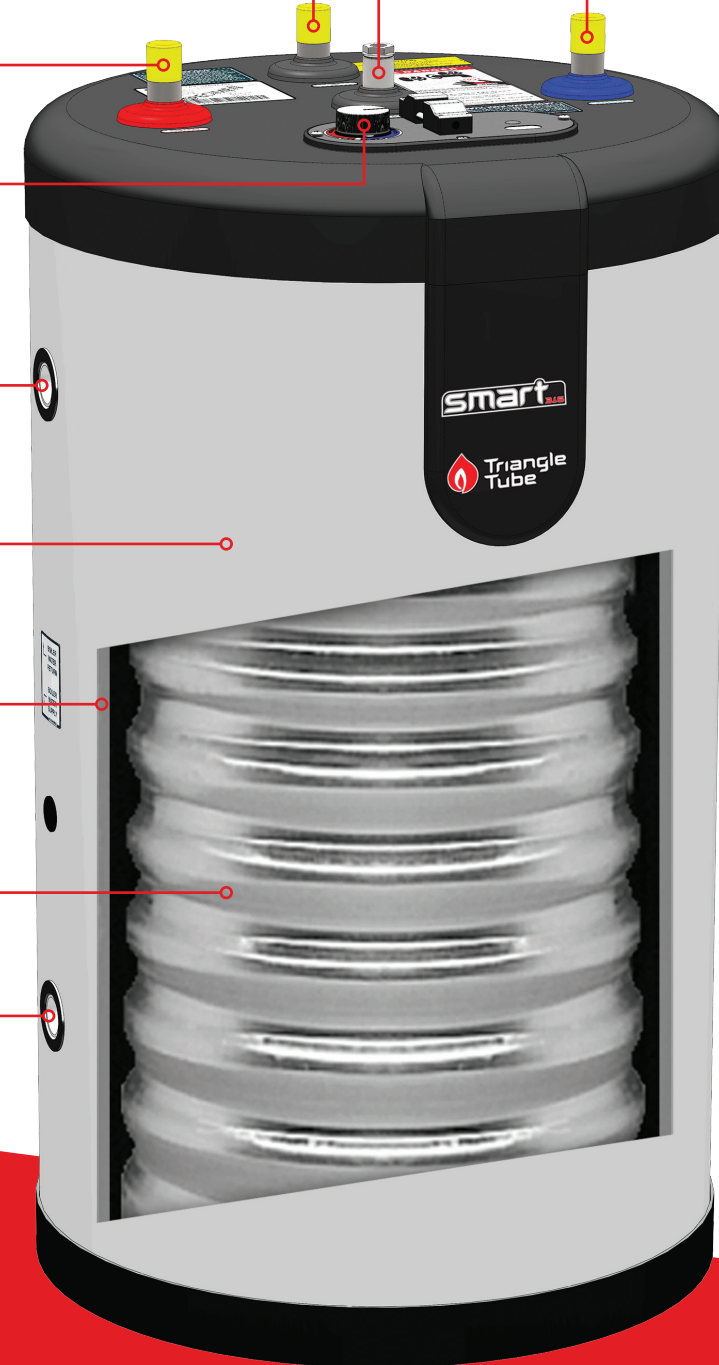
BOILER RETURN

OUTER TANK PROTECTED BY SHOCK RESISTANT PLASTIC JACKET

OPTIMAL INSULATION MADE FROM 2" POLYURETHANE FOAM

CORRUGATED INNER 316L STAINLESS STEEL TANK MAINTAINS EFFICIENCY AND LONG LIFE WITH SELF CLEANING AND SELF DE-SCALING OF THE INNER TANK

BOILER SUPPLY



## Upgraded and efficient

### FEATURES & BENEFITS



Upgraded stainless steel inner tank to 316L



Part of our Good, Better, Best market-leading warranty program\*



Lowest pressure drop in the industry



Acid pickling for increased corrosion resistance



State of the art welding procedure for long service life



Improved dry well testing for trouble-free service life



Seven sizes to suit your customers needs



## Energy efficiency

The Smart series, stainless steel indirect water heater is heated by the hot water from your boiler. As your home is being heated, your domestic hot water is being heated at the same time, thereby, consuming less fuel and conserving energy. Combine this with a recovery rate that is up to three times faster than conventional gas or electric water heaters, and The SMART Series Indirect Water Heater heats more hot water with less fuel for the energy conscious consumer.



## Long term dependability

The average life span of a SMART Series Indirect Water Heater exceeds 20 years! That is two or three times the average life of a conventional gas, oil or electric water heater.