



Finally, a Shell and Tube Evaporator that Can Go Toe-to-Toe with the Competition.

Standard's TXG shell and tube evaporator series boasts a mere 3 foot tube length through 130 nominal tons of capacity, and up to 190 tons at 3-1/2 foot tube length. They are designed tough and made in the USA. And, unlike some other heat exchanger companies ratings, TXG evaporators are tested in accordance with ARI standard 480-95.

Durability

- Shell and tube design is more resistant to localized freeze-ups
- Shell and tube design resists process fluid residuals from clogging up the evaporator and premature failure
- Legendary ease of field servicing

Flexibility

- Wide range of new, retrofit or replacement air conditioning and refrigeration applications
- Unique combination of compactness and full rated performance
- Circuit options and ease of mounting fit your new product designs or older models
- TXG evaporators can be matched with their new HSG water-cooled condensers – allowing the packaged chiller designer a modular water-cooled line of unprecedented compactness, without sacrificing ease of service or cleaning

Performance

- Shell and tube evaporators can be optimized for a wide variety of application temperatures and fluid conditions
- TXG evaporators can be used with common refrigerants such as R22 and R134a and customized for use with other HFC's including R410A
- Shell and tube evaporators can be optimized to achieve approach temperatures as low as 5 degrees F, thus providing system designers improved kw/ton performance from their chiller packages

Get the facts! Compare “compact” heat exchanger geometry and efficiency before you buy another evaporator. You'll save space and increase performance with Standard's value-engineered shell and tube products. And be sure to check out our website for all the information you need on this and any other of our full-line of heat exchange and pressure vessel products at www.stanref.com.

See specification charts on the back of this sheet 

TXG Evaporator Specification Chart

ONE CIRCUIT

MODEL	NOMINAL CAPACITY (TONS)	PRESSURE DROP (PSIG)	SHELL DIAMETER (IN)	OVERALL LENGTH (IN)	DISTANCE BETWEEN NOZZLES (IN)	SHELL CENTERLINE TO NOZZLE (IN)	WATER IN/OUT* (IN/TYPE)	REFRIG. INLET (IDS) (IN)	REFRIG. OUTLET (IDS) (IN)
TXG30-1	30	6.0	8.625	43.5	27.50	7.81	3 FPT	1.125	2.125
TXG40-1	40	5.8	10.750	43.5	27.50	8.88	3 FPT	1.375	2.625
TXG50-1	50	6.9	10.750	43.5	26.50	8.88	4 GROOVED	1.375	2.625
TXG60-1	60	5.8	12.750	43.5	26.50	9.88	4 GROOVED	1.625	3.125
TXG70-1	70	6.3	12.750	43.5	25.44	9.88	5 GROOVED	1.625	3.125
TXG85-1	85	4.9	14.000	44.5	25.44	11.50	5 GROOVED	1.625	3.125
TXG100-1	100	5.5	16.000	45.0	25.44	12.50	5 GROOVED	2.125	3.625
TXG115-1	115	5.9	16.000	45.0	24.38	12.50	6 GROOVED	2.125	3.625
TXG130-1	130	6.4	18.000	45.5	24.38	13.50	6 GROOVED	2.125	3.625
TXG150-1	150	6.4	18.000	51.0	30.38	13.50	6 GROOVED	2.125	3.625
TXG190-1	190	4.0	20.000	51.0	28.38	14.50	8 GROOVED	2.625	4.125

* Flanged Connections Available Upon Request

TWO CIRCUIT

MODEL	NOMINAL CAPACITY (TONS)	PRESSURE DROP (PSIG)	SHELL DIAMETER (IN)	OVERALL LENGTH (IN)	DISTANCE BETWEEN NOZZLES (IN)	SHELL CENTERLINE TO NOZZLE (IN)	WATER IN/OUT* (IN/TYPE)	REFRIG. INLET (IDS) (IN)	REFRIG. OUTLET (IDS) (IN)
TXG30-2	30	6.0	8.625	43.5	27.50	7.81	3 FPT	0.875	1.625
TXG40-2	40	5.8	10.750	43.5	27.50	8.88	3 FPT	0.875	1.625
TXG50-2	50	6.9	10.750	43.5	26.50	8.88	4 GROOVED	1.125	2.125
TXG60-2	60	5.8	12.750	43.5	26.50	9.88	4 GROOVED	1.125	2.125
TXG70-2	70	6.3	12.750	43.5	25.44	9.88	5 GROOVED	1.125	2.625
TXG85-2	85	4.9	14.000	44.5	25.44	11.50	5 GROOVED	1.375	2.625
TXG100-2	100	5.5	16.000	45.0	25.44	12.50	5 GROOVED	1.375	2.625
TXG115-2	115	5.9	16.000	45.0	24.38	12.50	6 GROOVED	1.375	3.125
TXG130-2	130	6.4	18.000	45.5	24.38	13.50	6 GROOVED	1.625	3.125
TXG150-2	150	6.4	18.000	51.0	30.38	13.50	6 GROOVED	1.625	3.125
TXG190-2	190	4.0	20.000	51.0	28.38	14.50	8 GROOVED	1.625	3.625

* Flanged Connections Available Upon Request

