



Building the **best**
fabricated products
in the industry!



Taco
Comfort Solutions
A Taco Family Company

©Taco Catalog #300-60
Supersedes: New

Effective Date: 09/16/19
Printed in USA



A Culture of Pride

For over 100 years Taco has been committed to designing and manufacturing innovative and dependable HVAC, plumbing and industrial solutions.

Taco's 75,100 sq. ft. fabrication facility located in Fall River, Massachusetts - USA, manufactures ASME Section VIII Div. 1, ISO 9001 and NSF-61 certified products. We design, fabricate and test both custom and standard heat transfer units, expansion tanks, air & dirt separators, hydraulic balancers and other specialized pressure vessels.

**20
TON** Lifting

1 1/4" Plate Rolling

5" Steel Cutting

2 1/2" Stainless Steel Cutting

Unmatched Welding Precision

The engineering capabilities of our ASME dedicated design team extend even further, fulfilling custom requests to meet unique requirements. With equipment in-house, we are able to lift 20 tons, roll 1 1/4" plate, cut 5" steel or 2 1/2" stainless steel, and weld with flawless precision and consistency. These capabilities, with our streamlined manufacturing process, allow us to provide quality products and fast, flexible lead times – even emergency replacements.

All phases of the fabrication process are handled by our team of experienced professionals. Their skill and expertise stem from a culture of pride and close attention to detail, resulting in industry leading quality and customer satisfaction.

A Better Customer Experience

Here at Taco, we provide opportunity, growth, and support to all members and partners of the Taco Family around the world.

To that end, we have developed a number of innovative solutions designed to help you save money, time, and resources while maximizing your productivity. Our award winning Taco Tags help you make fast, informed decisions in the field. Through our web-site, **www.TacoComfort.com**, you have access to CAD drawings, Revit files, helpful videos, and a number of selection apps that can identify the right Taco products for your job.

The powerful Taco Project Builder app enables you to create and save projects online. Intended to be your basis of design, you can select products, aggregate schedules, create budgets, coordinate quickly with electrical and structural contractors, and download everything into one comprehensive submittal package.

Becoming part of the Taco Family opens the door to a vast network of support. Questions can be answered with a phone call to our knowledgeable support staff. System and product trainings are offered throughout the year to help advance your professional development. We believe in the shared success of all members of the Taco Family, and that includes you.

To find the Taco REP nearest you go to **www.TacoComfort.com**.



The award winning Taco Tags use wireless NFC technology to provide you with all relevant information, for a specific product, right on your phone. Detailed specifications, technical documents, instruction manuals, how-to videos and more, are all quickly and easily accessible. This digital library contains the most up-to-date information for that specific piece of equipment.

By utilizing the power of Taco Tags, Taco is ensuring you have the resources you need to make fast, informed decisions in the field, increasing your productivity while saving you time.

Taco Tags set a new standard for customer support and in 2019 they received the *AHR Expo Innovation Award* for the most inventive product and technology.



Available on Android & Apple Devices

- Product Specifications
- CAD/REVIT Files
- Submittal Sheets
- Repair Parts Info
- Order Info
- Technical Support
- Taco Rep Info
- Catalog Sheets

Rolling, Cutting & Welding Experts



PF Series Heat Exchangers

Connection sizes: 1" - 12"
Working Pressure: 150, 300PSI
Max Operating Temp: 230°F †

Taco PF Series Plate & Frame Heat Exchangers are designed, constructed and tested to ASME Section VIII, Div. 1 requirements. Our digital product selection app helps you choose the right plate & frame heat exchanger for the job.



TB Series Brazed Plate Heat Exchangers

Connection Sizes: 3/4" - 4"

Rugged, reliable Taco Brazed Plate Heat Exchangers represent the latest technology in high-performance heat transfer products.

These compact units feature copper brazed, Stainless Steel plates that offer a highly-efficient, low fouling transfer service.

Optional ASME Section VIII, Div. 1 certified models available.



Shell & Tube Heat Exchangers

Single Wall & Leak Guard Double Wall
Steam to Liquid — Liquid to Liquid

Diameters: 4" - 30"
Max. Standard Length: 10'
Working Pressure: 150PSI *
Max. Operating Temp: 375°F †



Tank Heating Units

Single Wall & Leak Guard Double Wall

Diameters: 4" - 20"
Max. Standard Length: 10'
Working Pressure: 150PSI *
Max. Operating Temp: 375°F †



4900 Series® Air & Air/Dirt Separators

Connection Sizes: 2" - 36"
Working Pressure: 125, 150PSI *
Max. Operating Temp: 240°F †

Stainless Steel PALL Rings provide micro air bubble removal to 18 microns. Dirt and other particle removal below 5 microns.

Optional removable Heads & PALL Ring baskets (recommended on open systems).



Patent# 5, 123, 938



Air Separators

Connection Sizes: 2" - 36"
Working Pressure: 125, 150, 250, 300PSI *
Max. Operating Temp: 375°F †



ACT Tangential Air Separators

Connection Sizes: 2" - 36"
Working Pressure: 125, 150PSI *
Max. Operating Temp: 375°F †

Save money and extend the life of system pumps, piping and components with Taco ACT Series air removal units. Optional Stainless Steel removable strainer available.

* Optional Higher Pressures Available

† Optional Higher Temperatures Available



5900 FlexBalance & 5900 FlexBalance~Plus Hydraulic Balancer

Connection Sizes: 2" - 12"
Working Pressure: 125, 150PSI *
Max. Operating Temp: 240°F †

The patented 5900 FlexBalance & FlexBalance~Plus Separators act as a hydraulic bridge between the primary and secondary circuits in hydronic heating and cooling applications.

The FlexBalance~Plus product line incorporates PALL Ring technology for deep micro-bubble and dirt removal.



5900 FlexBalance~Plus



Buffer Tanks

Capacity: 50 - 3,000 gal.
(190 - 11,356 L)

Connection Sizes:
2" - 12" Standard

Working Pressure: 125PSI *
Max. Operating Temp: 375°F †

Available with a wide range of standard insulation packages.



Multi-Purpose Tanks (MPT)

Capacity: 50 - 3,000 gal. (190 - 11,356 L)

Connection Sizes: 2" - 12"

Diameter: 20" - 84"

Height: 43" - 145"

Working Pressure: 125, 150PSI
Max. Operating Temp: 240°F

These chilled water & hot water tanks are built to last.

Available with a wide range of standard insulation packages.



CA Expansion Tanks

Capacity: 23 - 3,962 gal. (90 - 15,000 L)
Working Pressures: 125, 150, 175, 250, 300PSI*
Max. Operating Temp: 240°F †

Field replaceable, heavy duty, full-acceptance butyl bladder removes easily for inspection. Available with NSF/ ANSI 61-G Certification.



PAX Expansion Tanks

Capacity: 8 - 132 gal. (30 - 500 L)
Working Pressures: 150PSI *
Max. Operating Temp: 240°F †

Heavy duty partial acceptance butyl bladder design for potable water systems. Available with NSF/ ANSI 61-G Certification.



CBX Expansion Tanks

Capacity: 4 - 212 gal. (15 - 802 L)
Working Pressures: 125, 150PSI
Max. Operating Temp: 240°F

Molded butyl membrane allows permanent separation of air and hydronic system fluid. Field removable partial acceptance membrane design specifically developed for smaller heating and chilled water systems.



CX Expansion Tanks

Capacity: 8 - 92 gal. (29 - 171 L)
Working Pressures: 125PSI
Max. Operating Temp: 240°F

Heavy duty butyl diaphragm allows permanent separation of air & water.



PS Expansion Tanks

Capacity: 15 - 515 gal. (57 - 1,950L)
Working Pressures: 125, 150PSI*
Max. Operating Temperature: 375°F

Available in vertical or horizontal configurations.

Most Taco Expansion Tanks are available with either bladders or diaphragms so that water and air are permanently separated. No absorption can take place at any point during the system cycle, and you avoid the problems of waterlogged tanks, air-bound terminal units, excessive corrosion, inefficient balancing and pump cavitations. Exterior red oxide primer finish comes standard on all models.

All fabricated products are designed, constructed and tested to ASME Section VIII, Div. 1 requirements.

(Brazen Plate Heat Exchangers optional)

World Class Custom Engineering



Taco has grown to become a premier custom fabrication provider among global manufacturers.

Our veteran team of leading engineers, welders, assemblers and customer support carry with them an extensive wealth of industry knowledge, design logic and technical experience. From start to finish, our focus is set on delivering a finished product that exceeds expectations.

Customized variations of all standard designs are available. Some other examples of custom projects include, but are not limited to:

- Flash Tanks
- Thermal Storage Tanks
- De-Aerator Tanks
- Clean Steam Generation
- Instantaneous Water Heaters
- Domestic Water Storage Tanks



Twin Tees



Horizontal Insulated & Jacketed Buffer Tank



*Stainless Steel 4900 Series
Air & Dirt Separator*



Stainless Steel PF Series



Vertical Flash Tank



Epoxy Coated Expansion Tanks



Polished Stainless Steel MPT

Flexible Lead Times

With ASME certified welders, certified testers and a National Board Authorized Inspector in-house, Taco has the team and equipment needed to offer you fast, flexible lead times and accommodate quick-turnaround, emergency requests.

Area: 75,100 sq. ft. Manufacturing floor

Door Sizes: (5) 14' x 14'

Cranes: 20 Ton bridge crane with (2) 10 ton hoists
(2) 10 Ton bridge
(3) 5 Ton bridge
(3) 2 Ton bridge
(10) 1 Ton bridge
(3) 1/2 Ton bridge
(10) 1 Ton jib

Fork Lifts: 6,000 lb.
5,000 lb.
4,500 lb.
4,000 lb.
400 lb.

Plate Rollers: 1¼" x 10'
5/16" x 6'
10 ga x 5'

Plate Burning: 10' x 25' CNC burn table
8' x 25' CNC burn table up to 5" thick

Fabricating Machinery: 30" x 20 Ton press brake
18" Automatic band saw
30" dia. Pipe cutting pantograph
6 ft.³ Tumble blaster
6' dia. Shot blaster - table type
Stamping & assembly presses
48" x 120" Tank assembly press
24" x 96" Tank assembly press
24" x 72" Tank assembly press

Positioners & Manipulators: 12' x 12' Manipulator
6' x 6' Manipulator
4' x 4' Manipulator
54,000 lb. Positioner
6,000 lb. Positioner

Tank Rollers: 45,000 lb. - Multiple

Welding Machinery: (16) Manual FCAW welders
(3) Automatic FCAW welders
(10) Manual plasma cutters
(2) SAW longitudinal seam welders
(2) SAW girth welders
(3) SAW girth welding lathes
(12) Pulse MIG welders
(3) GTAW welders
SMAW welder
Genesis CRZ cutting & welding cell
Genesis CM-3X dual robot cutting & welding cell
Horn style A/C spot welder, 36" throat depth

Tube Bending: (3) Pines rotary draw tube benders
Manual tube bender for 3/4" and larger

Tube Cutting: 14" dia. Cold saw
T-Drill automatic tube straightener & cutoff

Hydrostatic Testing: Up to 2,000 PSI with 21,000 gal. capacity

CNC Machining Centers: 122" x 47" Bridge mill
21" x 40" C-Frame VMC
80" x 42" Bridge mill
Twin spindle, four-axis, vertical turret lathe
20" x 20", 3 axis, Vertical machining center

Conventional Machinery: 54" Vertical boring mill
4' Radial drill
10" Engine lathes

Painting: (2) Spray booths



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