

# QMAX SUB-HEADERS

## Minimize System Infrastructure

QMax Sub-Headers maximize the efficiency of systems that use steam or hot oil to heat a particular process. By using Sub-Headers, it allows the operator to pinpoint the breakout area for multiple circuits. In the case of steam, it eliminates the need to route multiple lines from the boiler or steam manifold. Instead, a single supply line can run directly from the boiler to the Sub-Header, which splits into multiple tubing circuits for heating with QMax FTS (Fluid Tracing System). At the end of the QMax FTS run, another Sub-Header can be used to collect the circuits and trap condensate with a single steam trap. This lowers the amount of pre-insulated tubing and manifolds required on the supply side, while also reducing the number of condensate traps needed at the return side.

QMax Sub-Headers are custom fabricated to your needs, and made from either carbon or stainless steel. With a variety of options for welded fittings such as Swagelok tube fittings, flanges, pipe ends or threaded connections, QMax will deliver the Sub-Header that works with your system, just the way you want it to.

*To increase efficiency and minimize heat loss, insulation blankets can be added to any Sub-Header. They are made from aerogel insulation and wrapped in a durable vinyl for long-lasting functionality that will perform in any environment.*

### QMax Sub-Headers Are Custom Fabricated



**QMax Industries, Inc.** is a technology company based in Charlotte, NC with significant experience in the field of process heating.

Our specialties include:

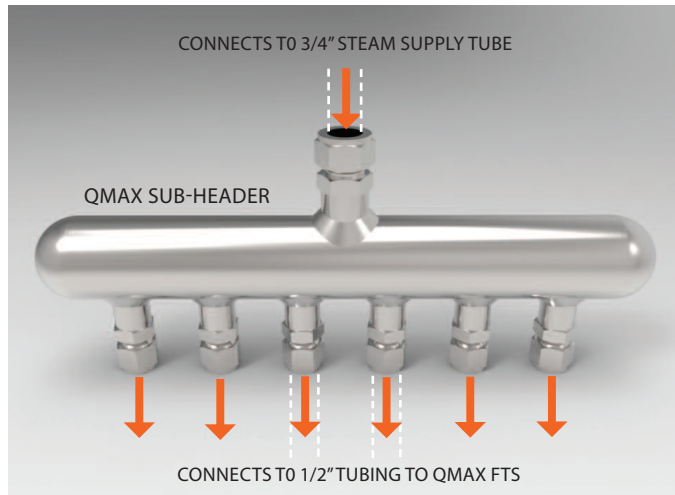
- > High Performance Steam Tracing
- > High Performance Electric Tracing
- > Equipment Jacketing
- > Tank Heating

**"We're committed to being the world leader in steam tracing technologies."**

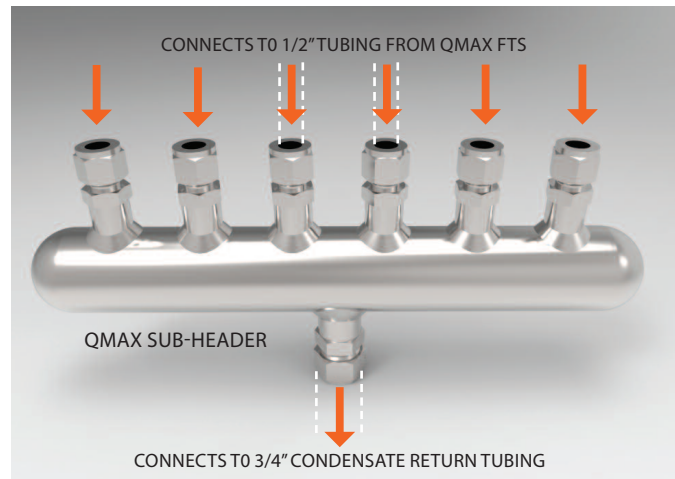
Thomas W. Perry  
President

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### Typical QMax Sub-Header Supply Detail



### Typical QMax Sub-Header Return Detail



**FTS**  
FLUID TRACING SYSTEM

#### ADVANTAGES:

- > Designed to maximize the efficiency of QMax FTS steam tracing systems
- > Allows operator to pinpoint breakout area for multiple circuits
- > Eliminates the need to route multiple lines from the boiler or steam manifold
- > A single supply can run directly from the boiler to the sub-header
- > Can be used to trap condensate from multiple circuits into a single trap
- > Custom fabricated to your specific needs

#### QMax Part Numbering

Sample Part Number:

#### QMax QSH (Sub-Headers)

QSH-SS-6P-12-S-08-B  
1 2 3 4 5 6

1.	Material Type:	SS = Stainless Steel	CS = Carbon Steel
2.	Number of Ports:	2P = 2 x 1 3P = 3 x 1 4P = 4 x 1 5P = 5 x 1	6P = 6 x 1 7P = 7 x 1 8P = 8 x 1 9P = 9 x 1
3.	Large Port Size: <i>(actual tube OD or pipe NPS)</i>	06 = 3/8" 08 = 1/2" 10 = 5/8" 12 = 3/4"	14 = 7/8" 16 = 1" 20 = 1 1/4" 24 = 1 1/2" 28 = 1 3/4" 32 = 2" 40 = 2 1/2" 48 = 3"
4.	Large Port Type:	S = Swagelok® Tube Fitting BEP = Bevel End Pipe MNPT = Male Threaded Pipe	150F = 150# Flange PEP = Plain End Pipe FNPT = Female Threaded Pipe
5.	Small Port Swagelok® Size: <i>(actual tube OD)</i>	06 = 3/8"	08 = 1/2" 10 = 5/8"
6.	Insulation Blanket:	B = With Blanket	<i>(Leave Blank If No Blanket Required)</i>