

Tube in Tube Ammonia Heat Exchanger

Mfg:	Model:
Stock No. EKTF8745.3a	Serial No.

Tube in Tube Ammonia Heat Exchanger. Shell dimensions: 15 in. dia. x 69 in. L. Parallel flow with 6-passes. Each of the (6) tubes has spiral channels for improved heat transfer and flow. Encapsulated tube diameters: 6, 8, 10, 12, 14 in. Inlets: (2) 1 in. dia. NPT (female, ammonia), (1) 2-1/2 in. "S" line fitting product. Outlets: (2) 1 in. dia. NPT (female, ammonia), (1) 2-1/2 in. "S" line fitting product. Overall dimensions: 92 in. L x 26 in. W x 44 in. H. 1.- 6 in. diameter x 69 in. L.

2.- 8 in. diameter x 69 in. L.

3.- 10 in. diameter x 69 in. L.

4.- 12 in. diameter x 69 in. L.

5.- 14 in. diameter x 69 in. L.

Shell dimensions: 15 in. diameter x 69 in. L.

Benefits include being able to process a broad range of products, from those having water-like to paste-like viscosity, and those containing undissolved solids and particulate matter. These units provide a broad range of processing capacities and temperature progressions. Unique "cool/dry tube" design and high velocity product flow enables many hours of continuous, no burn-on, performance in heating applications. Unit is sanitary and easily cleaned-in-place. Minimal gasketing requirement. Tri-clamp unions are designed to provide high product pressure capability and ready access for inspection of all product surfaces.

Typical applications are: pre-heating milk and other dairy products in drying and condensing operations requiring high temperatures and sustained hours of operation, and heating or cooling a wide range of pumpable products containing particulate matter, not possible in plate & frame and other type heat exchangers. Useful in any fluid heat exchange application where low maintenance and trouble-free service is essential.







