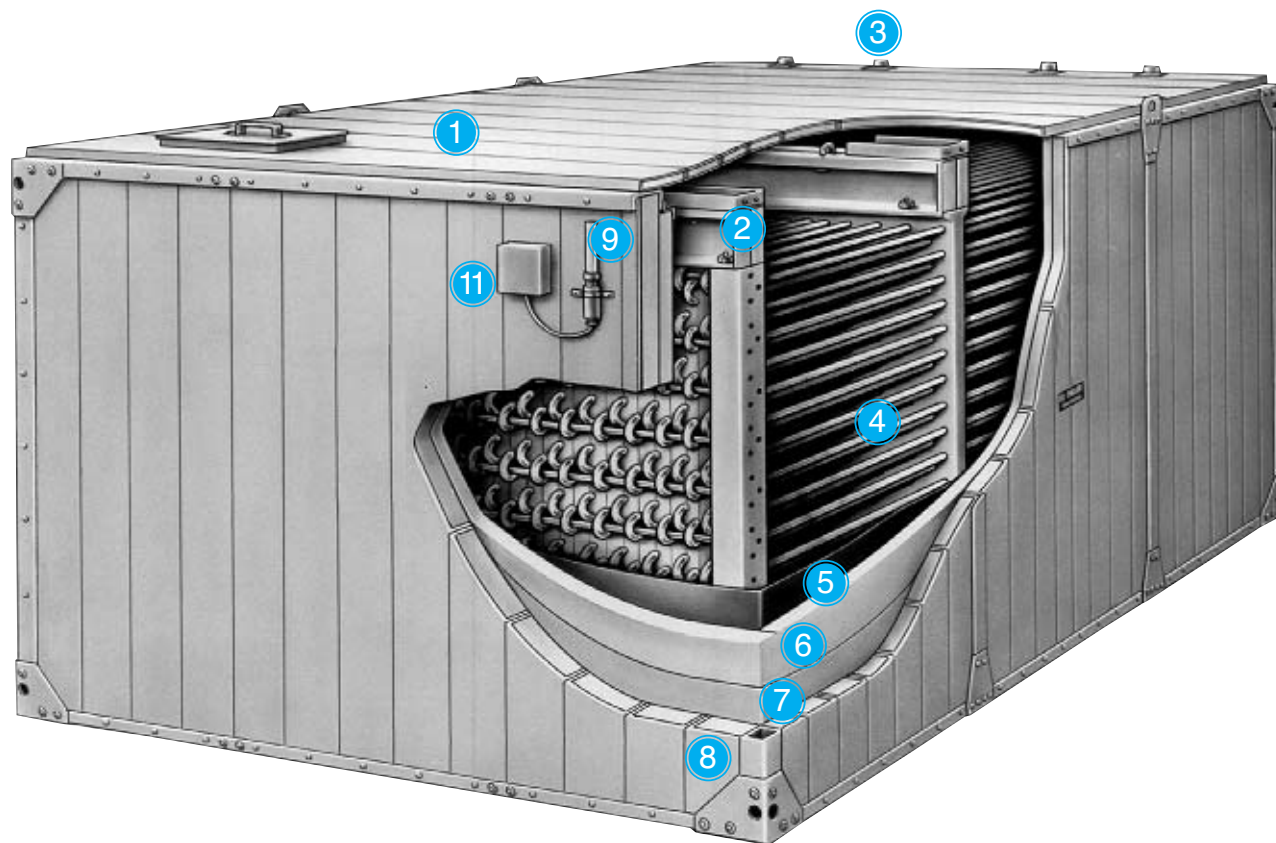


Construction Details



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ARITH COMPANY LTD.
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Baltimore Aircoil Company

① Covers

- Watertight
- G-235 (Z700 Metric) Hot-dip galvanized steel panels
- Insulated with 2" expanded polystyrene insulation

② Coil Support Beams

- Prevent contact between coil and primary liner

③ Glycol Connections

- Grooved for mechanical coupling

④ Galvanized Steel Coil

- Continuous serpentine, steel tubing
- Hot-dip galvanized after fabrication (HDGAF)
- Pneumatically tested at 190 psig
- Rated for 150 psig operating pressure

⑤ Primary Liner

- Single piece
- 48-hour integrity test before shipment

⑥ Extruded Polystyrene Insulation

- 1.5" thick, installed between primary and secondary liners

⑦ Secondary Liner/Vapor Barrier

- Prevents moisture from penetrating through the insulation

⑧ Wall Panel

- Heavy-gauge galvanized steel with double brake flanges
- 3" of expanded polystyrene insulation

⑨ Sight Tube

- Visual indicator of water level corresponding to the amount of ice in unit

⑩ Operating Control (Not Shown)

- High-level float switch and low water cutout mounted on the outside of the tank
- Can be provided for one tank (standard) or all tanks (optional)

⑪ Ice Inventory Sensor (Optional)

- Differential pressure transmitter provides an electrical 4-20 mA output signal which is proportional to the amount of ice in inventory



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