

**BASIC SPECIFICATIONS****42 MODELS**

CAPACITIES .....	1,270 to 17,590 BTU/°TD
AIR VOLUMES .....	2,740 to 24,750 CFM
TYPE DEFROST .....	HOT GAS AND WATER
REFRIGERANTS .....	AMMONIA, HALOCARBONS AND BRINES

**STANDARD FEATURES**

**CASING** is constructed of heavy gauge galvanized steel. All casing panels are flanged for additional structural strength.

**DRAIN PAN** is constructed of heavy gauge galvanized steel and extends under the coil and fan section. The drain pan is shipped mounted in position to minimize field installation costs.

**COOLING COIL** is constructed with 1" OD steel tubes staggered in the direction of air flow. This will assure maximum air turbulence and heat transfer efficiency.

The coil is either 3 or 4 fins per inch with tubes and fins supported by heavy gauge flanged tube sheets. The entire coil assembly is all hot dip galvanized after fabrication. All coils are tested before and after galvanizing with 300 psi air pressure.

- All coils can be circuited for
  - Liquid recirculation
  - Flooded feed
  - Thermal expansion
  - Brine circulation

Each coil is circuited for the operating conditions it will be exposed to. This guarantees proper gas velocities through the tubes and assures pressure drops will be kept to a minimum.

**MOTORS** are 115/230-1-60, ODP (open drip-proof), 1200 RPM, ball bearing with automatic thermal overload protection. Motor leads are extended through the fan panel for ease in external wiring.

**FANS** are high performance aluminum fans with steel hubs.

**ORIFICE RING** has each fan centered in a factory spun galvanized steel orifice panel.

**FAN GUARDS** are OSHA approved.

**OPTIONAL ACCESSORIES**

**PAN COIL** is constructed of heavy-wall steel tubing and is securely fastened to the underside of the inner pan. The inner pan is constructed of high quality stainless steel.

**INSULATED PAN** has closed cell moisture, heat and odor resistant foam insulation. The insulation is sealed between the inner pan and a galvanized or stainless steel cover.

**MOTORS** are 230/460-3-60 ODP (open drip-proof), 1200 rpm, ball bearing with automatic thermal overload protection. For other motor requirements — consult factory.

**WATER DEFROST** includes a spray tree with nozzles to provide superior coverage for a rapid water defrost. The unit is supplied with an oversized drain pan connection.

**SURGE DRUMS** are ASME certified. Each vessel is piped, flanged and factory fitted for easy mounting in the field. Unless otherwise specified, the drum will include a float valve for liquid feed.

**JUNCTION BOX** Motors are factory pre-wired to a central junction box. Junction boxes and internal wiring can be furnished to conform to NEMA 1 or NEMA 4 electrical codes.

**PAN COIL CHECK VALVES** are factory fitted and are shipped mounted and piped.