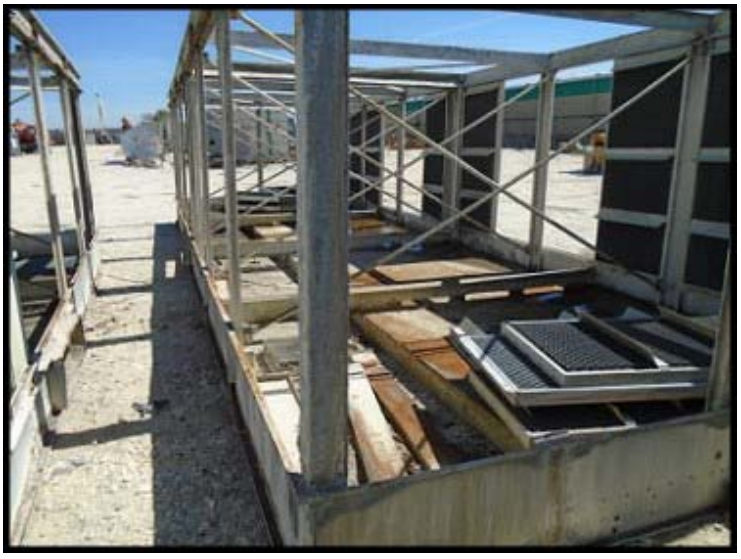
| 1999 Evapco Evaporative Condenser Tower – 2370 tons | |
|---|---|
| **Mfg: Evapco, Inc.** | **Model: ATC-2370** |
| **Stock No.: RSCT01** | **Serial No.: -** |

Evapco, Inc. Evaporative Condenser / Closed Circuit Tower. Year: 1999. Mode: ATC-2370 (UBC-2370). Nominal Tonnage Rating: 2370 tons R-22 / 1,681 tons R-717. Fan motors (4) 20 HP. Spray pumps: (4) 7.5 HP. *Note: unit could be split into a single tower with half capacity (1,185 TR R-22 / 840.5 TR R-717). Estimated weight: 98,230 lbs (16,060 lbs heaviest section). Overall dimensions: 40.5 ft. L x 24 ft. W x 17 ft. H.

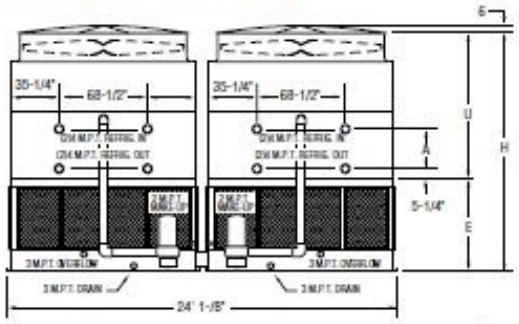
Picture prior to removal January 2015:

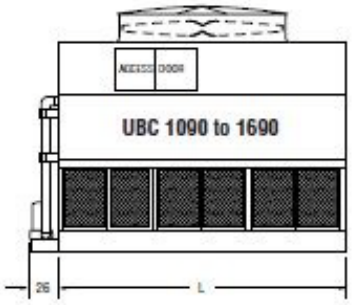
Pictures after removal, stored in Texas USA:

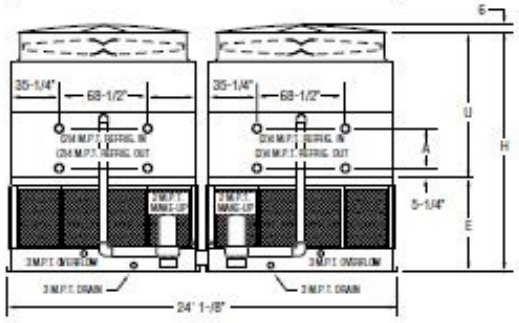



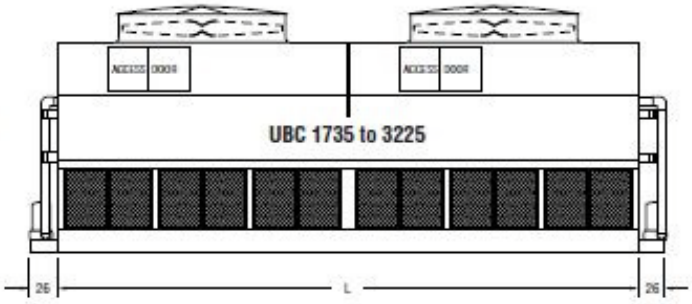
## *Models UBC 1090 to 3225*

# Evapco ATC-2370




## Table 16 Engineering Data

| UBC Model No.* | R-717 Tons* | Fans | | Weights | | | Refrigerant Operating Charge lbs.*** | Coil Volume ft³ | Spray Pump | | Remote Pump | | | Dimensions | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HP | CFM | Shipping | Operating | Heaviest Section† | | | HP | GPM | Gallons Req'd** | Conn. Size | Operating Weight | Height H | Upper U | Lower E | Coil A | Length L |
| 1090 | 773 | (2)25 | 243,000 | 42,310 | 59,500 | 15,500 | 905 | 123 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 51,260 | 15' 2-5/8" | 8' 2-1/2" | 7' 1/8" | 22-1/4" | 18' 0" |
| 1240 | 879 | (2)20 | 231,900 | 49,160 | 66,940 | 18,610 | 1,190 | 163 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 58,700 | 15' 11-1/8" | 8' 11" | 7' 1/8" | 30-3/4" | 18' 0" |
| 1310 | 929 | (2)25 | 239,000 | 49,320 | 67,100 | 18,690 | 1,190 | 163 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 58,860 | 15' 11-1/8" | 8' 11" | 7' 1/8" | 30-3/4" | 18' 0" |
| 1370 | 972 | (2)30 | 248,300 | 49,560 | 67,340 | 18,810 | 1,190 | 163 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 59,100 | 15' 11-1/8" | 8' 11" | 7' 1/8" | 30-3/4" | 18' 0" |
| 1435 | 1018 | (2)25 | 230,000 | 55,980 | 74,490 | 21,760 | 1,485 | 202 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 66,250 | 16' 7-5/8" | 9' 7-1/2" | 7' 1/8" | 39-1/4" | 18' 0" |
| 1500 | 1064 | (2)30 | 239,600 | 56,220 | 74,730 | 21,880 | 1,485 | 202 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 66,490 | 16' 7-5/8" | 9' 7-1/2" | 7' 1/8" | 39-1/4" | 18' 0" |
| 1575 | 1117 | (2)40 | 256,700 | 56,780 | 75,290 | 22,160 | 1,485 | 202 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 67,050 | 16' 7-5/8" | 9' 7-1/2" | 7' 1/8" | 39-1/4" | 18' 0" |
| 1625 | 1152 | (2)40 | 249,500 | 63,560 | 82,800 | 25,230 | 1,770 | 241 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 74,560 | 17' 4-1/8" | 10' 4" | 7' 1/8" | 47-3/4" | 18' 0" |
| 1690 | 1199 | (2)50 | 260,000 | 64,160 | 83,400 | 25,530 | 1,770 | 241 | (2) 7-1/2 | 2,400 | 1,440 | (2)12" | 75,160 | 17' 4-1/8" | 10' 4" | 7' 1/8" | 47-3/4" | 18' 0" |
| 1735 | 1230 | (4)20 | 322,300 | 67,050 | 90,940 | 11,320 | 1,610 | 219 | (4)5 | 3,200 | 2,000 | (4)12" | 79,980 | 17' 1-1/8" | 8' 11" | 8' 2-1/8" | 30-3/4" | 24' 2" |
| 1800 | 1277 | (4)15 | 290,800 | 75,690 | 100,340 | 12,850 | 1,985 | 271 | (4)5 | 3,200 | 2,000 | (4)12" | 89,380 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 24' 2" |
| 1915 | 1358 | (4)20 | 312,700 | 75,850 | 100,500 | 12,890 | 1,985 | 271 | (4)5 | 3,200 | 2,000 | (4)12" | 89,540 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 24' 2" |
| 1980 | 1404 | (4)25 | 328,900 | 76,170 | 100,820 | 12,970 | 1,985 | 271 | (4)5 | 3,200 | 2,000 | (4)12" | 89,860 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 24' 2" |
| 2100 | 1489 | (4)30 | 329,000 | 85,600 | 111,010 | 14,690 | 2,370 | 323 | (4)5 | 3,200 | 2,000 | (4)12" | 100,050 | 18' 6-1/8" | 10' 4" | 8' 2-1/8" | 47-3/4" | 24' 2" |
| 2370 | 1681 | (4)20 | 445,600 | 98,230 | 133,790 | 16,060 | 2,385 | 325 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 117,310 | 17' 1-1/8" | 8' 11" | 8' 2-1/8" | 30-3/4" | 36' 2-1/2" |
| 2500 | 1773 | (4)25 | 457,500 | 98,550 | 134,110 | 16,140 | 2,385 | 325 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 117,630 | 17' 1-1/8" | 8' 11" | 8' 2-1/8" | 30-3/4" | 36' 2-1/2" |
| 2615 | 1855 | (4)30 | 473,000 | 99,030 | 134,590 | 16,260 | 2,385 | 325 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 118,110 | 17' 1-1/8" | 8' 11" | 8' 2-1/8" | 30-3/4" | 36' 2-1/2" |
| 2740 | 1943 | (4)25 | 435,700 | 111,880 | 148,900 | 18,580 | 2,970 | 404 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 132,420 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 36' 2-1/2" |
| 2860 | 2028 | (4)30 | 454,900 | 112,360 | 149,380 | 18,700 | 2,970 | 404 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 132,900 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 36' 2-1/2" |
| 3010 | 2135 | (4)40 | 484,600 | 113,480 | 150,500 | 18,980 | 2,970 | 404 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 134,020 | 17' 9-5/8" | 9' 7-1/2" | 8' 2-1/8" | 39-1/4" | 36' 2-1/2" |
| 3225 | 2287 | (4)50 | 490,600 | 128,250 | 166,720 | 21,720 | 3,545 | 483 | (4) 7-1/2 | 4,800 | 2,880 | (4)12" | 150,240 | 18' 6-1/8" | 10' 4" | 8' 2-1/8" | 47-3/4" | 36' 2-1/2" |

* Tons at standard conditions: HCFC-22 and HFC-134a. 105°F condensing, 40°F suction and 78°FW.B.; ammonia 96.3°F condensing, 20°F suction and 78°FW.B.

** Gallons shown is water in suspension in unit and piping. Allow for additional water in bottom of remote sump to cover pump suction and strainer during operation. (12" would normally be sufficient.)

† Heaviest section is the coil section.

*** Refrigerant charge is shown for R-717. Multiply by 1.93 for R-22 and 1.98 for R-134a.

Dimensions are subject to change. Do not use for pre-fabrication.