

Unused 2001 Baltimore Aircoil Company Fluid Cooler / Evaporative Condenser – 255 Tons

Mfg: Baltimore Aircoil Company

Model: F1463-P

Stock No: ADSP201

Serial No: U12674702MAD

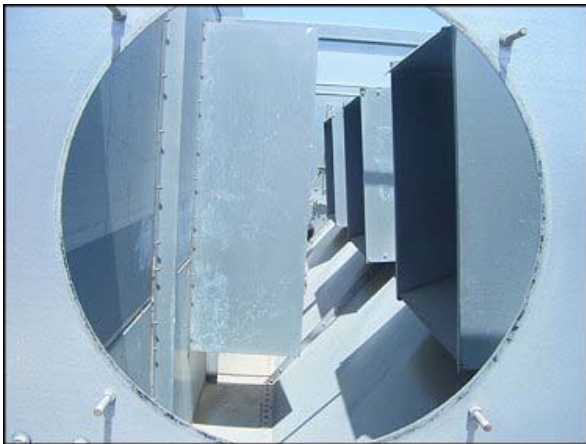
Unused 2001 Baltimore Aircoil Company Fluid Cooler / Evaporative Condenser. Model: F1463-P. S/N: U12674702MAD. Capacity ratings: As a fluid cooler it is rated for 763 gpm with a 73°F wet bulb temperature and respective 95°F and 85°F entering and leaving temperatures. As an evaporative condenser it is rated at approximately 255 tons using R-22 at 105°F condensing, 40°F suction and 78°F web bulb temperatures, or 173 tons using R-717 at 96.3°F condensing, 20°F suction and 78°F wet bulb temperatures. (3) centrifugal fans, Baldor motors: 40 hp, 1775 rpm 230/460V, 60 Hz, 3 phase. Includes BAC centrifugal pump model: 300523 with US motor, 5 hp, 1745 rpm, 208-230/460 V, 15.0-13.7/6.85 amps, 60 Hz, 3 phase. Roberts mechanical float assembly with 8 in. float ball for water level control. (2) 1 ft. 10 in. dia. access doors. Inlets / Outlets: (2) 6 in. suction ports, (2) 6 in. ports, (1) 2 in. MNPT make-up port, (1) 2 in. MNPT drain port, (1) 3 in. MNPT overflow port. Overall dimensions: 20 ft. 11 in. L x 8 ft. 1 in. W x 13 ft. 6 ½ in. H.(BJ)(BI).











CAUTION

COIL FREEZE PROTECTION

THIS INDUSTRIAL FLUID COOLER CAN BE SEVERELY DAMAGED IF THE PROCESS FLUID FREEZES WITHIN THE COIL. If exposed to temperatures below freezing during shutdown periods, the coil(s) must be protected by an inhibited anti-freeze solution, supplementary heat, or draining.

Draining the coil is NOT an acceptable means of primary freeze protection for serpentine steel coils, but may be employed as an emergency measure. FREQUENT DRAINING MAY CAUSE INTERNAL COIL CORROSION. If draining is required, an air vent must be installed at the highest point of the system. Vent connections are provided on the upper coil connection(s) for use when the fluid cooler is located at the highest point of the system.

Internally circled coils must be drained through both the coil outlet and the coil drain connections. Internally circled coils are designated by the letter "I" following the last digit of the model number.

Please refer to the Operation and Maintenance Manual for this unit for further details on coil freeze protection or contact your Local Representative.

DO NOT REMOVE OR DETACH THIS LABEL. 270047 REV. C

Baltimore Aircoil Company

P.O. BOX 960
MADERA, CA 93639
(559) 673-9231



MOD. # F1463-P
SER. # U12674702MAD
BELT # B135

270047 REV. L

MANUFACTURED UNDER ONE OR MORE PATENTS ISSUED IN THE USA, CANADA, AND MANY OTHER COUNTRIES

U.S. PATENTS		CANADIAN PATENTS	
4,283,612	4,957,276	5,383,339	1,149,727
4,361,426	4,564,275	5,389,709	1,182,427
4,515,544	4,965,007	5,399,595	2,016,690
4,568,822	5,438,574	5,405,541	1,177,366
4,661,684	5,150,581	5,431,858	2,044,322
4,683,101	5,170,633	5,435,382	1,185,841
4,691,789	5,180,183	5,460,564	2,069,999
4,695,211	5,193,352	5,595,877	1,193,298
4,737,321	5,226,681	5,663,536	2,072,697
4,749,307	5,232,636	5,724,828	1,205,004
4,831,831	5,234,161	5,816,318	1,218,357
4,873,028	5,273,667	5,904,864	2,085,278
4,891,166	5,328,660		1,230,991
			2,124,361
			1,241,268
			2,127,772
			1,244,318
			2,141,748
			1,283,460
			2,176,528
			1,289,460
			1,318,239

ADD'L PATENTS PENDING

CIRCULATED WATER QUALITY GUIDELINES

For Units Constructed with G210 Galvanized Steel.

- A water treatment program to control biological contamination is recommended for all installations. Additional treatment to control scale and corrosion may be necessary, depending upon site conditions.
- CONCENTRATION OF DISSOLVED SOLIDS MUST BE CONTROLLED BY BLEEDING A SMALL PORTION OF THE CIRCULATING WATER FROM THE SYSTEM.
- Maintain pH between 7.0 and 9.0. If the pH is maintained at or above 8.5, periodically passivate the galvanized steel to prevent formation of "white rust" like corrosion products.
- Batch-loading of treatment chemicals is NOT recommended.
- Refer to B.A.C. "Operation and Maintenance Instructions" for further details.
- Contact a competent water treatment specialist for specific program recommendations.

270047A REV. E
27019000A Rev. C

ENCLOSED HIGH EFFICIENCY MOTOR

MODEL	BO75A	HP	5.0	PH	3	HZ	60	RPM	1745	DES	B
FRAME	184JM	TYPE	UT4	ENCL	TE	SF	1.25	CODE	J	INSUL CLASS	F
VOLTS	208-230/460	MAX AMB	40 °C	DUTY	CONT	SHAFT END BRG	6307-2Z-J/C3	MEAS NBR	EFFICIENCY	85.5	
FL AMPS	15.0-13.6/6.8	OPP END BRG	6205-2Z-J/C3								
SF AMP	16.6/8.3										
ID#	C07-8075-M										

HP@50HZ 4.7 SF 1.0

15.8/7.9 AMPS MAX AT 190/380V 50HZ

40°C AMB 1.15 SF CLASS B
50°C AMB 1.15 SF CLASS F

U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC CO.
ST. LOUIS, MO
MADE IN MEXICO 391841-732



BALTIMORE AIRCOIL CO.

BAC PART# 600588

SERIAL# 12674702MAD

4-PM 596 TDH: 1534 DIA 5.40

300340A REV B