

## Evapco Evaporative Condenser – 190 Tons

Mfg: Evapco

Model: PMCB-190

Stock No: BDNP07

Serial No: 6-304313

Evapco Evaporative Condenser. Model: PMCB-190. S/N: 6-304313. Belt no. 2B-116. Rated capacity: 190 tons using R-22 at 105°F condensing, 40°F suction and 78°F web bulb temperatures or 137 tons using R-717 at 96.3°F condensing, 20°F suction and 78°F wet bulb temperatures. Coil test pressure: 350 P.S.I.G. (1) Centrifugal pump with 5-1/4 in. dia. impeller and U.S. motor: 2 hp, 1725 rpm, 208-230/460 V, 6.20-6.00/3.00 A, 60 Hz, 3 phase. (1) Reliance Electric motor: 10 hp, 1750 rpm, 230/460 V, 24.4/12.2 A, 60 Hz, 3 phase. Pulley info: (1) 6 in. driver, (2) 1 ft. 1 in. driven. (2) 3 ft. 8 in. dia. fan. Inlets/outlets: (1) 2 in. pipe port, (1) 1 in. pipe port, (1) 1-1/2 in. MNPT, (1) 3/4 in. pipe port, (1) 3/8 in. air valve, (1) 3/4 in. FNPT, (1) 3-1/2 in. pipe port, (2) 2 in. pipe ports, (1) 4 in. pipe port. Overall dimensions: 16 ft. L x 7 ft. 2 in. W x 12 ft. 2-1/2 in. H.







**evapco**

**EVAPCO, INC.**  
 5151 Allendale Lane Taneytown, MD. 21787  
 (410) 756-2600 Fax # (410) 756-6450  
 MFG. UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS:  
 4500330, 4579994, 4755331, 5124087, 6315804 B1 MADE IN U.S.A.

MODEL NO. <b>PMCB-190</b>	SERIAL NO. <b>6-304313</b>
BELT NO. <b>2B-116</b>	COIL TEST PRESSURE <b>350 P.S.I.G.</b>

FOR EVAPCO AUTHORIZED PARTS AND SERVICE, CONTACT MR. GOODTOWER\*  
**SOUTHWEST REFRIGERATION SALES**  
 20323 Hubbard Road, #111  
 San Antonio, TX 78258  
 Phone: (210) 492-8024  
 Fax: (210) 492-8542

**EVAPCO UNIT LUBRICATION INSTRUCTIONS**

**FAN SHAFT BEARINGS:**  
 Lubricate induced draft unit fan shaft bearings every 1000 hours or every 3 months. Lubricate forced draft unit bearings every 2000 hours or every 6 months. Use any of the following waterproof greases:  
 Timken Pillowblock Grease      Chevron: SRI  
 Exxon: Polyrex EM

**FAN SHAFT SLEEVE BEARINGS (forced draft units only):**  
 Lubricate intermediate sleeve bearings with the oil provided in the rigging box every 1000 hours or every 3 months. Do not use a detergent based oil. Use any of the following oils:  
 Exxon: Teresatic 220      Texaco: Regal 220 R&O

**GEARBOX (when supplied):**  
 Replace the original oil after 500 hours or 4 weeks of operation. Thereafter change the oil every 2500 hours or every 6 months. Use any of the following rust and oxidation inhibited gear oils:  
 Exxon: Teresatic 220      Texaco: Regal 220 R&O  
 Mobil: DTE Oil 88      Chevron: A W Machine oil 220

**PUMP AND FAN MOTOR BEARINGS:**  
 Refer to the motor manufacturers lubrication instructions enclosed with the unit.

\* FOR ADDITIONAL LUBRICATION INFORMATION REFER TO THE MAINTENANCE INSTRUCTION MANUAL ENCLOSED WITH THE UNIT.

P/N 015-0009PA

3095K460.W7      0614366      F06  
 010-00077P  
 MOTORPUMP 57E STANDARD FITTED  
 4 X 3 BN-CARBON SEAL-  
 5.25 IMP DIAMETER  
 2 HP TEFC 1750 RPM  
 3/60/208-230/460V  
 W7 CONDUIT POSITION

**EVAPCO INC WESTMINSTER MD**  
 410-736-2600 FAX 736-6430

CATALOG # UJ2S2AM9	MODEL # BU93	
SHAFT END BRG 6206-2ZJ/C3	DIP END BRG 6203-2ZJ/C3	
FR 145JM	TYPE UT-4	ENCL TE
PH 3	MAX 40 °C ID# H03-BU93-M	
INSUL CLASS F	DUTY CONT	WT 35 LB
HP 2.00	RPM 1725	SF 1.25
VOLTS 208-230/460	MAX KVAR 1.40	NEMA NOM EFFICIENCY 81.5
AMPS 6.20-6.00/3.00	CODE L	DES B
SF AMPS 7.1/3.6	PF 76.6	GUARANTEED EFFICIENCY 78.5

**SF** **RU** **CE**

MADE IN MEXICO

U.S. ELECTRICAL MOTORS  
 DIVISION OF EMERSON ELECTRIC CO.  
 ST. LOUIS, MO

**EMERSON**

**RELIANCE ELECTRIC** **DUTY MASTER**

FRAME	TYPE	DESIGN	IDENTIFICATION NO.	MODEL NO.
21ST	P	B	7243946-007	LA02 KJ P2M5334A
HP	10	VOLTS	230/460	HZ 60
RPM	1750	AMPS	24.4/12.2	S.F. 1.15
ENCL	TEFC	DUTY	CONT	PHASE 3
				COIL CLASS F
				AMB 40°C
				WINDING 85.8
				INSUL. CLASS F
				NET WT 35.0
				GROSS WT 44.0
				NET WT 35.0
				GROSS WT 44.0

NEW NEMA PRODUCT 89.5% GUARANTEED EFFICIENCY 87.5% MAX COSφ 0.92

TYPE IMC: 458C02JG630A      DIP D.E. SEARCH: 308C02JG630A

**SF** EVAPCO P/N 015-00393P

INVERTER CAPABLE 10:1 VV 2:1 CT

RELIANCE ELECTRIC CO.  
 GREENVILLE, SC 29615

PLANT 00      FILE NO. 53425  
 MADE IN U.S.A.