

Unused 2002 Artisan Industries Thin Film ProTherm 50 Evaporator System

Mfg: Artisan Industries, Inc.

Model: ProTherm 50

Stock No: QDVM01.50

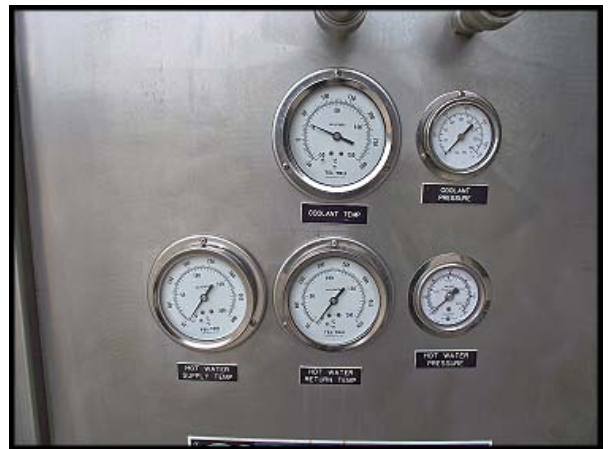
Serial No: 86145A

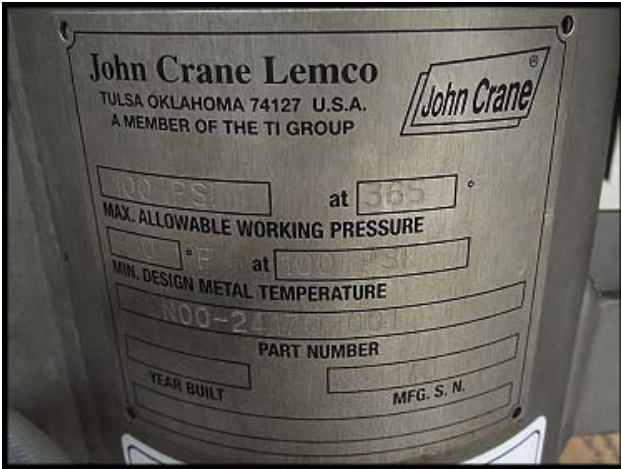
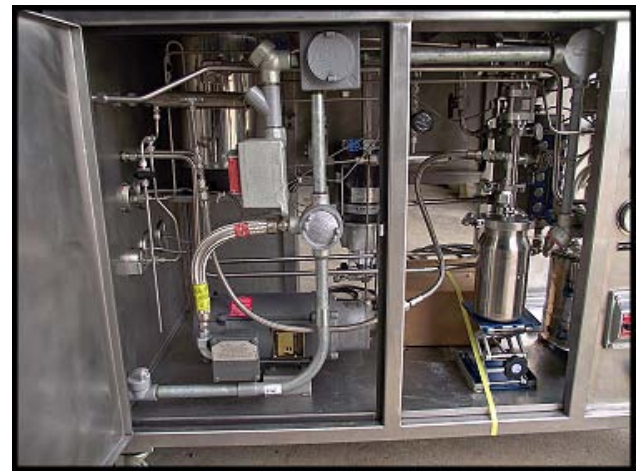
Unused 2002 Artisan Industries Horizontal, Mechanically Aided, Thin Film ProTherm 50 Evaporator System for Laboratory and Pilot Plant Applications. Artisan Industries, Inc. Waltham, MA. Designed for rapid concentration of heat sensitive foaming or toxic materials. High vacuum and low/high temperature operation for short residence time. Approximate surface area: 0.5 sq. ft (316SS electro polished). Capacity depends on the operating conditions and solvent involved, but can evaporate at a maximum rate as high as 70 LPH (18.4 GPH) with hexane or 12 LPH (3.15 GPH) with water. Evaporation of up to 99% of the solvent can be achieved in a single pass. Artisan Industries Rototherm Evaporator. S/N: 86145A. Year: 2002. Shell: MAWP FV/50 PSIG at 365°F, MDMT -20°F at FV/50 PSIG. Jacket MAWP 150 PSIG at 365°F, MDMT -20°F at 150 PSIG. Leeson Explosion-Proof Motor: 1 HP, 1725 RPM, 115/208-230V, 12.8/6.4 FLA, 60 Hz, single phase. Sanitary tri-clamp connections. Rototherm ports: hot water in / out, feed in, bottoms out, solvent vapor out. Allow Products Corp stainless steel vessel: 130 PSI, 316L SS, S/N: 107500-014. Monticello Exchanger & Mfg. Co. shell and tube heat exchanger: built 2000, shell rating 50 PSIG/full vacuum, tube rating 150 PSIG, USA, PO 86130-28333. Utility connections: hot water in/out, nitrogen, vacuum, seal cooling water in/out. Overall dimensions: 62 in. L x 31 in. W x 68 in. H.

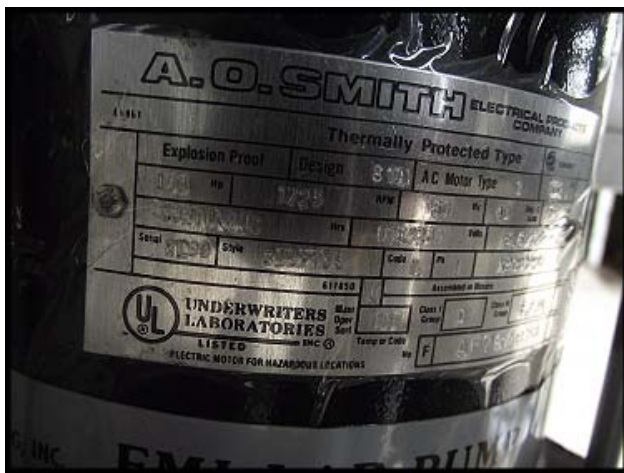












INDUSTRIES, INC.
Engineering and Manufacturing

ASSEMBLY, DISASSEMBLY, AND OPERATING INSTRUCTIONS
FOR THE
ARTISAN HORIZONTAL, MECHANICALLY AIDED, THIN FILM
PHOTHEM[®] 55 EVAPORATOR SYSTEM
FOR THE
LABORATORY AND PLOT PLANT

PHARMACIA & UPJOHN COMPANY
P.O. NUMBER 4503103775
ARTISAN SERIAL NUMBER
JOB #
SHIPPED APRIL, 1952