

1994 McQuay Water-Cooled Chiller-320 Ton

Mfg: McQuay

Model: PEH079

Stock No. WCMC001.20

Serial No. 5ZE81006-00

1994 McQuay Water-Cooled Chiller- 320 Ton. Model: PEH079. S/N: 5ZE81006-00. Style: 9572513010. Liquid chiller, self-contained unit. R-134a only. Factory charged refrigerant 980 lbs. Evaporator: 52.0 EWT, 42.0 LWT, 768 gpm, 18.1 ft. W.G. pressure drop. Condenser: 85.0 EWT, 95.0 LWT, 960 gpm, 17.8 ft. W.G. Pressure drop. Total KW 208, 295 RLA, 580 LRA. Snyder General Centrifugal Compressor. Model: CE079JA229ROU. S/N: 5ZD0079801. Compressor hours: 9812; compressor starts: 1814. Compressor specifications: 460 V, 580 LRA, 295 RLA, 60 Hz, 3 phase. Snyder General Tube Heat Exchanger. Model: E2216382RA. S/N: 5ZE0002400. Nat'l Bd: 22594. Refrigerant side: MAWP 182 psi @ 122 F, MDMT (-) 20 F @ 180 psi. Snyder General Tube Heat Exchanger. Model: C221625YY2RA. S/N: 5ZE0001800. Nat'l Bd: 22594. Refrigerant side: MAWP 225 psi @ 250 F, MDMT (-) 20 F @ 225 psi. Microtech Station Controller. Controller features touchpad controls with digital readout display. Inlets/outlets: (2) 1 in. dia. pipes, (2) 1-1/2 in. dia. female ferrule flex hose, (1) 2 in. dia. male ferrule flex hose, (2) 6 in. dia. pipes, (2) 8 in. dia. pipes with 13-1/2 in. dia. flanges and 8 attachment holes. McQuay IQ-1000 II Control Box with touchpad controls, digital readout display, voltmeter readout, and power switch lever. Westinghouse Trim-Aire Air Conditioning Motor Control. Cat. No: R896A4DMIX F94056. Mods: C7G1P0Q7T3T93Y8. Dwg: 3M15228. Ref: 9572513-20 359A999. Control specifications: 460 V, 295 RLA, 316 OLT, 1741 LRD, 60 Hz. Maximum ratings: 365 FLA, 2920 LRAD. Overall dimensions for chiller: 234.5 in. L x 46 in. W x 72 in. H.

This unit was the East Campus Chiller running two dorms at Duke University. A third dorm was added and this unit alone was not large enough to run all three dorms and Duke did not have room in their building for two installed chillers, therefore they removed this chiller and replaced it with one larger chiller. McQuay International in Greensboro serviced the unit, Rick McLwee 1-800-767-6394.





