

Mueller MaximICE® Ice Slurry System – 130 Tons

Mfg: Paul Mueller

Model: ORE-100

Stock No.: EELD669E.14

Serial No.: 231227-1

Mueller MaximICE® Ice Slurry System. Model: ORE-100. S/N: 231227-1. Approximate capacity: 130 nominal tons using R-22 Freon or approximately 90 tons using R-717, ammonia. Solution feed requirement to ORE-100: 245 gpm. Required inlet pressure range: 5 → 30 psig. The Mueller MaximICE® orbital pod evaporator (ORE) is capable of making ice slurry with varieties of applications to include the cooling of processing equipment, and Thermal Energy Storage Systems (TES). Ice slurry formed by using a freeze-depressant solution with liquid refrigerant can drain into, or be pumped to the top of a storage tank to be used in a processing heat sink, or have ice directly harvested. Advantages of slurry ice include optional storage container arrangements as it does not adhere to heat transferring surfaces, or need defrosting.

1999 API Ketema evaporator, S/N: U983802A3, Nat'l Bd: 16008, MAWP: 250/-15 psi @ 125°F, MDMT: -20°F @ 250 psi. Leeson electric motor drive, 3 hp, 850 rpm, 220-230/380-460 V, 13.5-14.6/7.8-6.75 amps, 60 Hz, 3 phase. 1998 H.A. Phillips refrigeration pressure receiver, S/N & Nat'l Bd: 8282, P/N: 5448-3 986064, MAWP: 250 psi @ 250°F, MDMT: -20°F @ 250 psi. GrundFoss vertical in-line centrifugal pump, Model: C 9917 48263042 P1, capacity: 305 gpm, 3500 rpm, MAWP: 175 psi @ 250°F. Baldor Electric motor, 10 hp, 3450 rpm, 208-230/460 V, 27-25/12.5 amps, 60 Hz, 3 phase. GrundFoss vertical in-line centrifugal pump, Model: C9927 48368041 P1, capacity: 202 gpm, 1150 rpm, 1.5 hp, MAWP: 175 psi @ 250°F. Baldor Electric motor, 1.5 hp, 3450 1725 rpm, 208-230/460 V, 5-4.8/2.4 amps, 60 Hz, 3 phase. Danfoss solenoid coil, power supply: 24 VAC, 17.5 watts, 50/60 Hz. Harwill Corp. fluid float switch, Model: 9916 Q-5/5/2/A, S/N: 16004, power supply: 1/2 hp, 125/250 VAC, 15 amps. Stainless steel ice storage tank-950 Gallon. Inside dimensions: 7 ft. 3 in. L x 5 ft. 11 in. W x 3 ft. H. Inlets: (1) 4 in. dia. port, (1) 2 ft. 7 in. dia. slurry infeed, (1) 1 in. dia. port, (1) 3 in. dia. 150 lb ANSI flanged port. Outlets: (1) 3 in. dia. port, (1) 3 in. dia. 150 lb ANSI flanged port, (1) 2 in. dia. FNPT. Overall dimensions: 9 ft. L x 6 ft. 6-1/2 in. W x 12 ft. 2-1/2 in. H. Approximate shipping weight of slurry system: 5915 lbs.(ACN850).

















