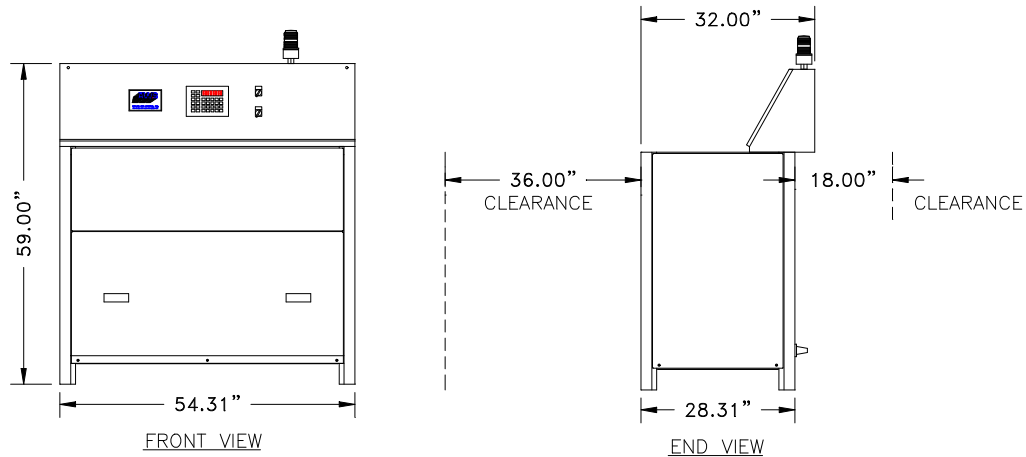




UniFlow 300 & 3000 Series

3 to 8 Ton Heat Exchanger Fountain Circulators

Design and Component Specifications



Model #	Cooling Tons	FLA @ 120/1/60	Supply Pump HP	Return Pump Line Size	Chilled Water Requirement	Shipping Weight Lbs.	Operating Weight Lbs.
UF-300-3H	3	21	1.5	1"	10 GPM @ 10 PSID	950	1600
UF-3000-3H							
UF-300-5H	5	21	1.5	1"	15 GPM @ 10 PSID	1000	1700
UF-3000-5H							
UF-300-6H	6	21	1.5	1"	18 GPM @ 10 PSID	1000	1700
UF-3000-6H							
UF-300-8H	8	26	2	1.5"	24 GPM @ 10 PSID	1000	1700
UF-3000-8H							

Cooling tons based on 55° F chilled water supply maintaining 60° F leaving fountain solution.

Additional Utility Requirements

- 20 CFM of compressed air at 90 PSIG
- 8 GPM of makeup (city) water at 20-60 PSIG

300 Series Features

- Relay Logic based system with microprocessor temperature control
- Batch mix metering system with water-driven additive metering pump(s)

3000 Series Features

- PLC based control system with touch screen interface
- Accufeed metering system with DC driven additive metering pump(s)

Common Features

- Fully integrated system in one stainless steel enclosure
- 50 gallon stainless steel insulated tank
- Stainless steel pipe and poly reinforced hose internal piping
- Low level tank beacon
- Dual bag filtration: two (2) 15-micron bags, two (2) micron lay in filter media
- Stainless steel supply pump
- Air-operated diaphragm return pump
- Stainless steel plate heat exchanger
- Low Level drum wand(s) (for 55 gallon drum)

Connection Sizes

- Fountain: 1" Hose Barb (3-6 ton)
1.5" Hose Barb (8 ton)
- Chilled Water: 1" Hose Barb (3-6 ton)
1.5" Hose Barb (8 ton)
- City Water: 1" Hose Barb
- Etch: 3/8" Polytube Compression Fitting
- Air: 3/8" Polytube Compression Fitting

Warranty

One (1) year parts and labor, excluding expenses



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Thermal Care is an ISO 9001:2000 certified company

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