

COOLING TOWERS

EC/ECXL Series

- 38 to 240 Tons Capacity
- Efficient Counter Flow Design
- Fiberglass Tower Casing and Basin
- 100% Nonferrous Construction (ECXL)
- Non-Clogging Nozzles
- 5 Year Total Tower Warranty (ECXL)

The EC and ECXL series evaporative cooling towers offer a wide range of sizes and features. The EC series is available from 38-115 tons, and may be the most economical tower on the market today. Still, they come with advanced standard features like 360° air intake to eliminate positioning problems, and a self-rotating sprinkler system with non-clog openings. The ECXL series steps up in size and performance. Available in 100-240 ton models, standard features include premium TEAO direct drive fan motor and 100% nonferrous construction.



EC-60



ECXL-100 w/
optional flanges

WARRANTY

- 10 year parts on tower shell
- 1 year parts total tower (EC)
- 5 year parts total tower (ECXL)

FEATURES (EC)

- Rugged FRP shell
- FRP water basin with integral sump and mounting feet
- 360° air intake
- Self-rotating sprinkler system with non-clog openings
- Cast aluminum direct drive fan
- Totally enclosed fan motor
- FRP louvers
- Galvanized motor mounts and discharge grille
- PVC water distribution piping, fill and drift eliminators

FEATURES (ECXL)

- 100% nonferrous construction
- Fiberglass tower casing and basin
- 304 stainless steel fan support and fasteners
- PVC fill, drift eliminators, louvers and water distribution system
- Non-clogging large orifice nozzles
- Integral inlet louver system prevents splash and wind loss
- Premium TEAO direct drive fan motor with double sealed, permanently lubricated motor bearings



Direct drive TEAO motor



Engineered Water Systems

EC/ECXL SERIES SPECIFICATIONS

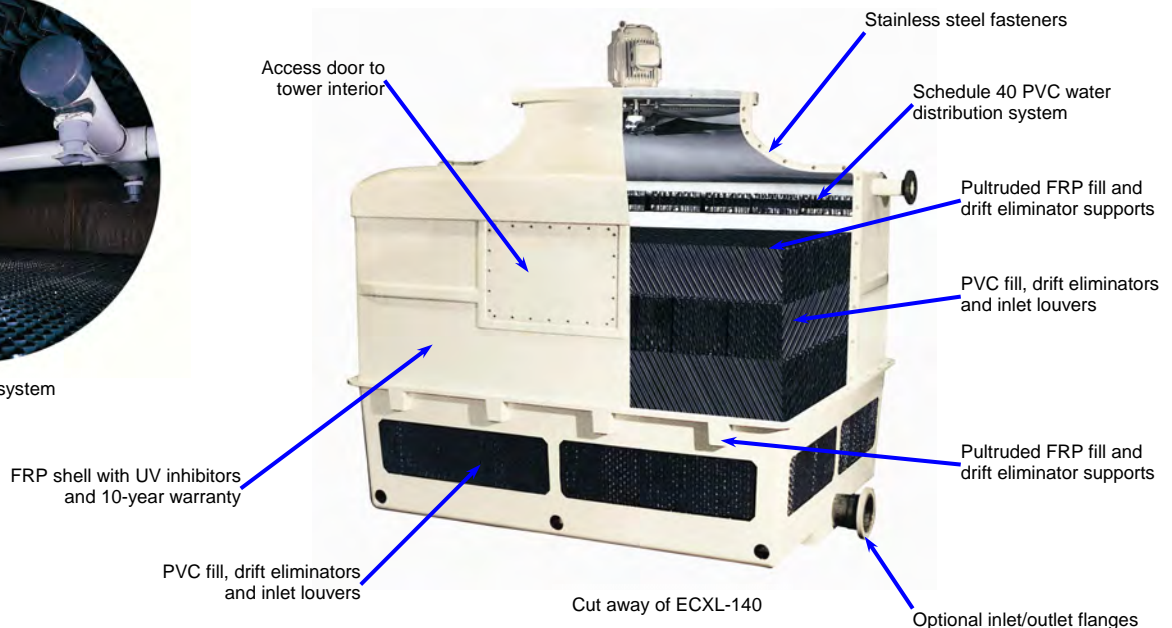
Model #	EC-38	EC-60	EC-80	EC-100	EC-120	ECXL-100	ECXL-115
Cooling Tons	38	60	80	100	120	100	115
Fan HP	2	2	3	3	5	3	5
Fan FLA (460/3/60)	4	5	6	6	8	4	9
Nominal GPM	114	180	240	300	360	300	345
Min. Inlet PSI	3	5	5	5	5	6	4
Operating Range GPM	60-200	90-340	180-500	180-500	180-500	200-600	200-600
Dimensions (in) (HxWxD)	84x75 dia	92x84 dia	109x95 dia	109x95 dia	115x95 dia	123x90x111	125x90x111
Inlet (in)	3	4	5	5	5	4	4
Outlet (in)	3	4	5	5	5	8	8
Ship Weight (Lbs.)	600	750	1,250	1,300	1,400	1,760	1,910
Operating Weight (Lbs.)	1,475	2,100	2,780	2,890	3,050	4,535	4,535

Model #	ECXL-125	ECXL-140	ECXL-170	ECXL-185	ECXL-205	ECXL-240
Cooling Tons	125	140	170	185	205	240
Fan HP	5	7 ½	7 ½	10	10	15
Fan FLA (460/3/60)	9	12	12	17	17	24
Nominal GPM	375	420	510	555	615	720
Min. Inlet PSI	4	5	5	6	7	10
Operating Range GPM	200-600	200-600	350-725	350-725	350-725	350-725
Dimensions (in) (HxWxD)	125x90x111	128x90x111	125x101x140	128x101x140	128x101x140	128x101x140
Inlet (in)	4	4	4	4	4	4
Outlet (in)	8	8	8	8	8	8
Ship Weight (Lbs.)	1,910	2,150	2,660	2,700	2,700	2,750
Operating Weight (Lbs.)	4,685	4,925	5,230	5,530	5,570	5,570

Cooling Tons based on 15,000 BTU/Hr/ton with 85°F leaving water, 78°F wet bulb and 3 GPM/Ton tower water

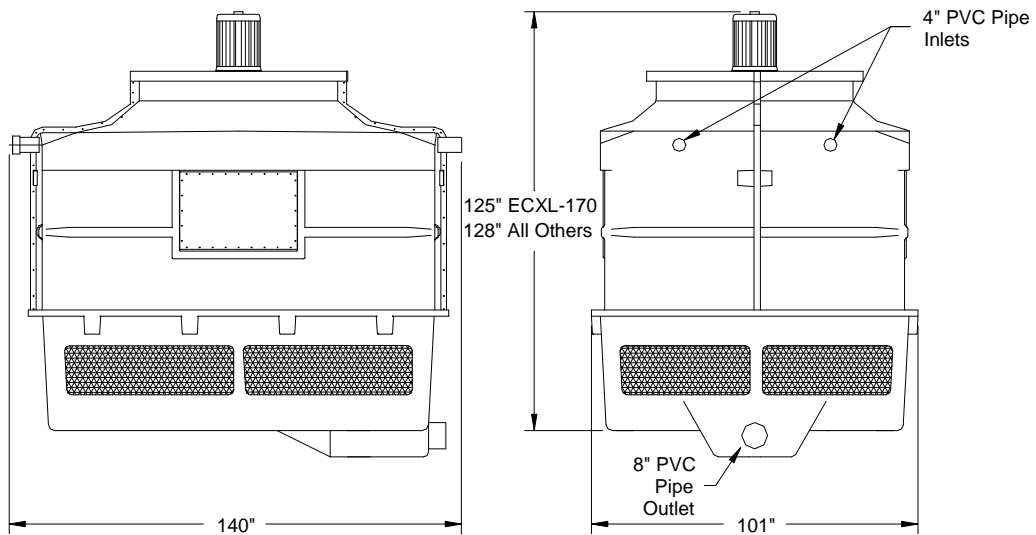
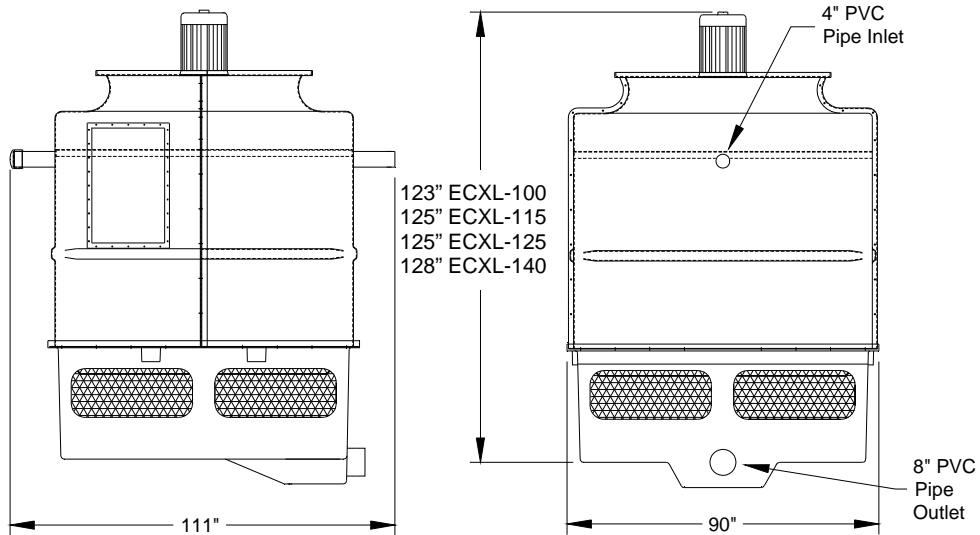
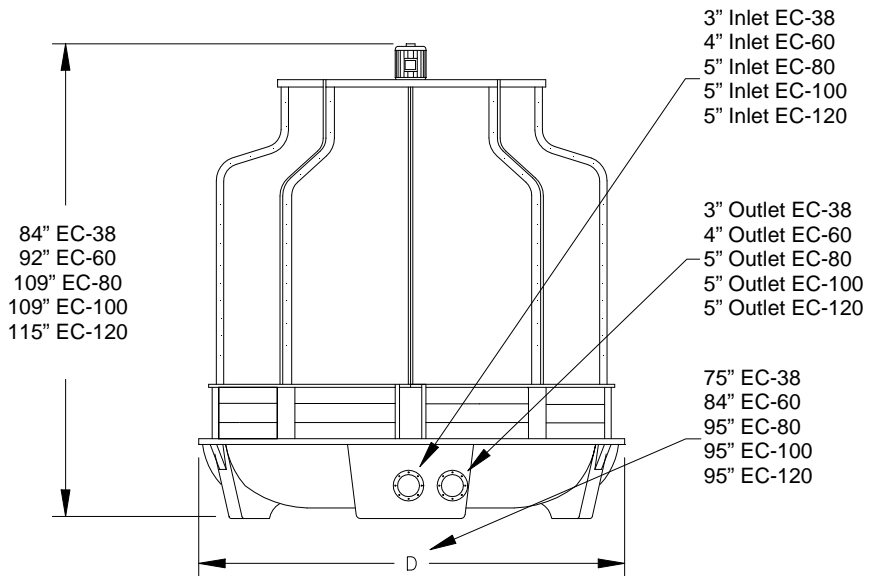


No-clog spray system



Cut away of ECXL-140

H₂O
Engineered Water Systems



Engineered Water Systems