



"LIQUID COOLING SOLUTIONS"

RC Series

Oil & Water Chillers

1.800.334.COOL (2665)



The **RC Series Chillers** are designed and built in the USA to operate at peak performance and efficiency.

Regardless of your media whether it is H₂O or AW32, our RC Chillers are manufactured to meet your specific cooling requirements.

Not all Chillers are created equal, so you choose the configuration that best suits your individual cooling needs.

Supply our engineers with your required cooling specifications and we will build the correct Chiller the first time and every time.

STANDARD FEATURES

OIL

- Tig Welded Aluminum Frame
- Stainless Fasteners
- Bronze Gear Pump
- Stainless Oil Tank
- Washable Intake Filter
- Analog Pressure Gauges
- Brazed Plate Heat Exchanger
- Digital Temperature Control
- Removable, Aluminum Finish Panels
- Directional Air Discharge Louver(s)

WATER

- Tig Welded Aluminum Frame
- Stainless Fasteners
- Non-Ferrous Plumbing
- Stainless Steel Pump
- Noryl or Stainless Impeller
- Poly Tank
- Washable Intake Filter
- Analog Pressure Gauges
- Brazed Plate Heat Exchanger
- Digital Temperature Control
- Removable, Aluminum Finish Panels
- Directional Air Discharge Louver(s)

Scan the QR code
with your phone for
more information



ANATOMY OF A CHILLER

IN-LINE CHILLERS

YOUR PUMP, YOUR TANK

- Works with your kidney loop pump
- Chiller equipped with Pilot Duty Flow Switch
- Chiller consists of Compressor, Fans, & Evaporator

OPEN LOOP CONFIGURATION

OUR PUMP, YOUR TANK

- Recirculates Fluid from a Remote Tank
- Chiller consists of Compressor, Fans, Evaporator & Internal Pump

CLOSED LOOP CONFIGURATION

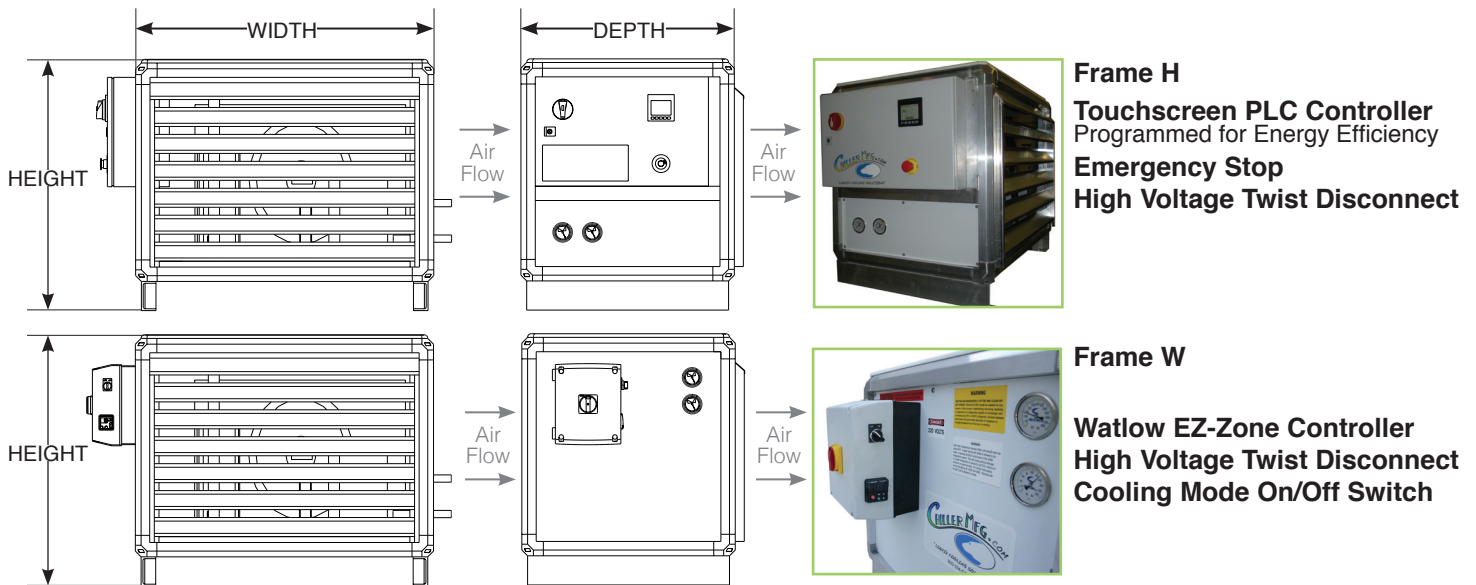
OUR PUMP, OUR TANK

- Complete Self Contained System
- Chiller consists of Compressor, Fans, Evaporator, Pump & Tank

INDUSTRIES / APPLICATIONS

METAL FINISHING - LASER & WELDING - MOBILE HYDRAULICS - MATERIAL HANDLING
 PLASTICS - OEM - CONCRETE - AEROSPACE - HYDRAULIC TEST CELLS - HVAC
 FOOD & BEVERAGE - METAL PLATING - WATER JET - HYDRAULIC PUMP STATIONS

TECHNICAL INFORMATION



OIL SIZING CHART (IN-LINE ONLY)

MODEL	BTUH/HR	MIN FLUID		WIDTH (W)		DEPTH (D)		HEIGHT (H)		FLUID CON.		MCA values		
Prefix	LOT*	GPM	LPM	INCH	CM	INCH	CM	INCH	CM	SIZE	TYPE	230/1	230/3	460/3
RC015*****	18,000	5	19	34	86.36	29	73.66	31	78.74	3/4"	FNPT	14	9	6
RC020*****	24,000	10	38	41	104.14	30	76.2	35	88.9	1"	FNPT	40	23	12
RC040*****	48,000	15	57	58	147.32	37	93.98	39	99.06	1"	FNPT	52	32	16
RC050*****	60,000	18	68	58	147.32	37	93.98	39	99.06	1 1/4"	FNPT	----	40	17
RC080*****	96,000	20	76	70	177.8	39	99.06	46	116.84	1 1/4"	FNPT	----	----	30
RC100*****	120,000	30	114	70	177.8	39	99.06	46	116.84	1 1/4"	FNPT	----	----	38

*Performance Based on 55F - 120F Ambient / 90F Leaving Oil Temperature (DTE-24 or equivalent)

WATER SIZING CHART (IN-LINE ONLY)

MODEL	BTUH/HR	MIN FLUID		WIDTH (W)		DEPTH (D)		HEIGHT (H)		FLUID CON.		MCA values		
Prefix	LWT*	GPM	LPM	INCH	CM	INCH	CM	INCH	CM	SIZE	TYPE	230/1	230/3	460/3
RC015*****	18,000	3	11	34	86.36	29	73.66	31	78.74	3/4"	FNPT	15	9	6
RC020*****	24,000	4	15	34	86.36	29	73.66	31	78.74	3/4"	FNPT	17	11	8
RC025*****	30,000	5	19	41	104.14	30	76.2	35	88.9	3/4"	FNPT	28	17	9
RC030*****	36,000	6	23	41	104.14	30	76.2	35	88.9	3/4"	FNPT	40	25	12
RC050*****	60,000	10	37	58	147.32	37	93.98	39	99.06	3/4"	FNPT	52	32	16
RC070*****	84,000	14	53	58	147.32	37	93.98	39	99.06	1"	FNPT	----	40	17
RC100*****	120,000	20	76	70	177.8	39	99.06	46	116.84	1"	FNPT	----	50	26
RC110*****	132,000	22	83	70	177.8	39	99.06	46	116.84	1 1/4"	FNPT	----	60	30
RC120*****	144,000	24	90	70	177.8	39	99.06	46	116.84	1 1/4"	FNPT	----	70	34
RC130*****	156,000	26	98	70	177.8	39	99.06	46	116.84	1 1/4"	FNPT	----	79	39

*Performance Based on 55F - 105F Ambient / 55F Leaving Water Temperature

1.800.334.COOL (2665)

Chiller South

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