

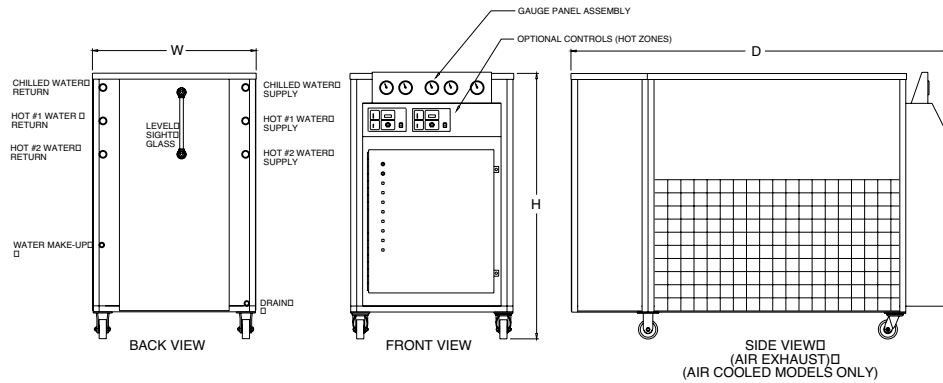


TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

SUBJECT: TRI-TEMP 3-10 TON CAPACITIES

#7-C-159

9/18/1995



SPECIFICATIONS

MODEL # RC-	3WD	3AD	5WD	5AD	7.5WD	7.5AD	10WD	10AD
CONDENSER TYPE	WTR	AIR	WTR	AIR	WTR	AIR	WTR	AIR
COMPRESSOR								
HP	3	3	5	5	7.5	7.5	10	10
CAPACITY	3.5	2.9	5.5	5.0	9.1	8.3	11.5	10.6
CHILLER PUMP								
HP	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
GPM	8	7	13	13	21	20	27	25
HEATER KW	9	9	9	9	9	9	9	9
HEATER PUMP								
HP	3/4	3/4	1	1	1	1	1	1
GPM	25	25	30	30	30	30	30	30
CONDENSING WATER REQUIREMENTS (GPM)								
CITY	6	--	9	--	14	--	18	--
TOWER (85°F @ 30 PSI)	11	--	17	--	28	--	35	--
FANS (90°F AMBIENT)								
HP	--	1/6	--	1/3	--	1/2	--	3/4
# OF FANS	--	2	--	2	--	2	--	2
WATER CAPACITY (GALLONS)	45	45	45	45	55	55	55	55
FULL LOAD AMPS								
230/3/60	72	76	78	80	92	94	102	104
460/3/60	36	38	39	40	46	47	51	52
575/3/60	29	31	32	34	37	38	41	42
DIMENSIONS (INCHES)								
HEIGHT	56	56	56	56	56	56	56	56
WIDTH	34	34	34	34	34	34	34	34
DEPTH	63	80	80	80	80	80	80	80
PIPE CONNECTIONS (IN. FPT)								
CHILLED WATER	1	1	1	1	1	1	1	1
HOT WATER #1 & #2	1	1	1	1	1	1	1	1
CONDENSER WATER	3/4	-	3/4	-	1	-	1 1/4	-
WATER SUPPLY	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
WEIGHT (LBS)	1250	1500	1350	1500	1600	1700	1600	1700

- Capacities are based on 50°F water, 40°F evaporating, 105° condensing temperature on water cooled models and 115°F condensing temperature on air cooled models. Capacities are +/- 5% as reserved by the compressor manufacturer.
- SEE REVERSE SIDE FOR FEATURES AND OPTIONS.

Features listed on reverse

FEATURES :

- Nema 12 Cabinet
 - Branch circuit fusing
 - Sealtite conduit - terminal strip wiring
 - Power distribution block
 - Centrifugal pumps
 - ODP motors
 - Stainless steel sheath heaters
 - Temperature indication - to process
 - To process pressure gauge
 - Refrigerant discharge pressure gauge
 - 1/2" cooling solenoid valves
 - Diagnostic indicating lights (temperature zones)
 - Pump on
 - Heat on
 - Cool on
 - Pump overload
 - Diagnostic indicating light (chiller)
 - Power
 - Pump
 - Compressor
 - Water make up
 - Freezestat
 - High/low pressurestat
 - Pump overload
 - Low flow safety
 - Hot gas bypass
 - Hermetic compressor
 - Crankcase heater
- Brazed plate evaporator (copper/stainless)
 - Refrigerant Components
 - Filter-drier
 - Sight glass
 - High low pressurestat
 - Freezestat
 - Liquid line solenoid valve
 - Hot gas by-pass solenoid
 - Expansion valve
 - Service valves
 - Liquid receiver (air cooled models)
 - Chilled water system internal low flow automatic bypass
 - Temperature zone pressure reducing and by-pass valves
 - Insulated reinforced fiberglass chilled water reservoir
 - Water level sight glass
 - Condenser water regulator valve (water cooled models)
 - Chilled water system has solid state controller factory set at 50°F
 - Temperature range
 - Chiller: 20° - 60°F
 - MTC zones: 30°-230°F
 - Adjustable high temp limit safety (MTC zones) 100°-240°F
 - MTC zone controls: optional or supplied by others

OPTIONS :

- Fused disconnect
- Heaters
- Pumps
- TEFC pump motors
- High ambient water assist package
- Nema 12 lights and operators
- Emergency stop operator
- Microprocessor controls
- Special paint
- Solenoid valves