

Brief Description**Application**

All CCC Series central chilling stations have an operating leaving **water temperature range of 30° F to 65° F (-1°C to 18°C)**, have two independent refrigeration circuits, and come standard with:

- High-efficiency scroll compressors
- Allen-Bradley PLC with interface
- Stainless steel brazed plate evaporator
- Cleanable shell and tube condenser(s)
- NEMA 12 electrical enclosure
- High and low refrigerant pressure safeties
- Touch-safe branch circuit fusing
- EER BTUH/W of 15.2
- Two-way water regulating valve
- HCFC-22 refrigerant
- Digital low temperature freeze-stat
- Liquid line solenoid and shut-off valves
- Chilled water flows switches
- 1 year warranty on parts
- 3 year warranty on controller





Options

- 4 year additional compressor warranty
- Advanced control package includes Allen Bradley PLC with touch screen, control of up to 2 additional circuits, cooling tower system, water treatment system, and communication capabilities
- General fault audible/visual alarm with elevated light stack
- Non-fused disconnect
- Special voltages: 208-230/3/60, 575/3/60, 380/3/50, or 415/3/50 (Derate capacity for 50 Hz models by multiplying by 0.83)
- Condenser manifold
- IEG-1 inhibited ethylene glycol; 55 gallons
- On-site labor for start-up

Specifications

Model	CCC-30W	CCC-40W	CCC-50W	CCC-60W	CCC-70W	CCC-80W	CCC-90W	CCC-100W	
Cooling capacity @ 50°F LWT	32.4	41.4	50.2	64.8	73.1	81.4	90.3	99.2	
Capacity stages (qty.)	2				4				
EER (BTUH/W)	15.65	14.91	15.35	15.66	15.15	14.63	14.90	15.16	
Nominal water flow (gpm)	Evaporator	78	99	120	156	175	196	217	238
	Condensers	97	124	151	194	219	244	271	298
Condenser connection (no manifold) Flange Conn. (in.)	(2) 2	(2) 2	(2) 2	(2) 2 1/2	(2) 2 1/2	(2) 2 1/2	2 1/2 / 3	(2) 3	
Evaporator manifold connection Victaulic (in.)	3	3	3	3	3	3	4	4	
Amp draw, nameplate (460/3/60 V)	56	70	88	111	124	138	156	174	
Dimensions (in.)	Height	85			75				
	Width	66	94		94		115		
	Depth	45							
Shipping weight (lbs.)	1,520	1,900	2,120	2,700	3,000	3,300	3,580	3,880	
Max operating weight (lbs.)	1,610	2,010	2,260	2,870	3,200	3,520	3,830	4,160	

Brief Description**Application**

All CCC Series central chilling stations have an **operating leaving water temperature range of 30° F to 65° F (-1° C to 18° C)**, have two independent refrigeration circuits, and come standard with:

- High-efficiency screw compressors
- Allen Bradley PLC with interface
- Stainless steel brazed plate evaporator (60 – 75)
- Shell and tube evaporators (90 – 195)
- Cleanable shell and tube condenser(s)
- NEMA 12 electrical enclosure
- High and low refrigerant pressure safeties
- Branch circuit fusing
- EER BTUH/W of 15.7
- Electronic expansion valves
- HFC-134a refrigerant
- Digital low temperature freezestat
- Liquid line solenoid and shut-off valves
- Chilled water flow switches
- Evaporator water piping manifold (Condenser manifold optional)
- 1 year warranty on parts
- 3 year warranty on controller





Options

- 4 year additional compressor warranty
- Advanced control package includes Allen Bradley PLC with touch screen, control of up to 2 additional circuits, cooling tower system, water treatment system, and communication capabilities
- General fault audible/visual alarm with elevated light stack
- Non-fused disconnect
- Special voltages: 208-230/3/60, 575/3/60, 380/3/50, or 415/3/50 (Derate capacity for 50 Hz models by multiplying by 0.83)
- Condenser manifold
- IEG-1 inhibited ethylene glycol; 55 gallons
- On-site labor for start-up

Specifications

Model	CCS-60W	CCS-75W	CCS-90W	CCS-100W	CCS-115W	CCS-145W	CCS-165W	CCS-195W		
Cooling capacity @ 50°F LWT	60.4	74.9	88.8	102.2	116.3	146.0	166.3	193.1		
Capacity stages (qty.)	Infinite Unloading									
EER (BTUH/W)	15.2	15.1	15.7	15.5	15.5	16.2	15.9	16.2		
Nominal water flow (gpm)	Evaporator	145	180	213	245	279	350	463		
	Condensers	181	225	266	307	349	438	579		
Condenser connection (no manifold) Flange Conn. (in.)	2.5		3		4					
Evaporator manifold connection Victaulic (in.)	3		4		6					
Amp draw, nameplate (460/3/60 V)	Water-cooled		112	130	138	170	216	250	282	316
Dimensions (in.)	Height	85		74		77	91			
	Width	100		115		124	137			
	Depth	45		72		75				
Shipping weight (lbs.)	3,266	3,512	4,336	4,982	5,298	8,844	9,376	9,580		
Max operating weight (lbs.)	3,468	3,754	4,594	5,246	5,584	9,428	10,102	10,364		

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