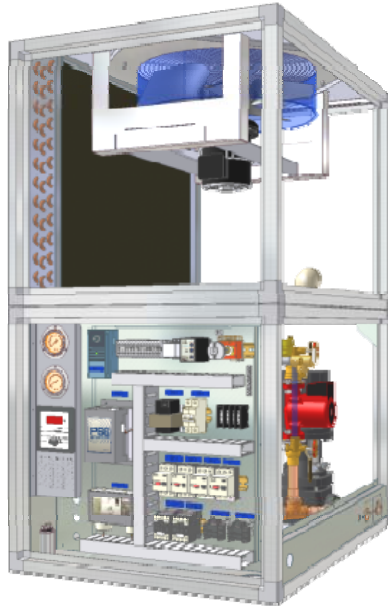




+70°F

R  
A  
N  
G  
E

+20°F



### Available Design Features

- 1/2 TON TO 40 TON STANDARD MODULAR DESIGNS
- RANGE FROM 20° F TO 70° F COOLANT TEMP
- LARGE PRESSURIZED STAINLESS STEEL RESERVOIR
- SYSTEM PUMP WITH INTEGRATED BYPASS CIRCUIT
- STANDARD OPERATING AND SAFETY CONTROLS
- PACKAGED AIR, WATER, OR REMOTE AIR COOLED
- BREAKERS AND MOTOR PROTECTORS– (NO FUSES)
- REMOVABLE PANELS FOR EASY SERVICE ACCESS
- EXTREME DUTY STAINLESS STEEL FAN SHROUD
- MODULATING CONDENSER FAN AND COMPOSITE PROP
- VENTILATED CONTROL CABINET WITH HINGED ACCESS
- INDOOR/ OUTDOOR OPERATION

*“The CF series is designed to provide portable process chilled water where you need it. The compact cabinet dimensions allow you to move the unit through standard door openings and set the chiller close to the process. This fully packaged system includes a robust and high efficiency refrigeration circuit which includes industrial style scroll compressors. The integrated tank, pump, and controls make set up and operation of the chiller easy and reliable.”*

### Standard Features

- Industrial scroll compressor with accumulator
- Filter drier, sight glass, TXV, and evaporator
- Insulated pressurized stainless steel storage tank
- Tank sight glass, relief valve, air vent, and fill
- System pump with integrated bypass circuit
- Electro-mechanical simple controls
- Modulating condenser fan / composite prop
- Full refrigerant charge
- Super corrosion resistant design
- Laser engraved placards and diagrams

### Available Options

- System pump pressure bypass valve
- Bypass Pump
- Variable speed system pump
- Remote air cooled condenser
- Water cooled condensers with mod. Valve
- Tank level alarm/switch
- Auto-tank fill pressure reducing valve
- Flow switch
- Semi-hermetic reciprocating compressor
- Locking casters
- Voltage/phase protector
- Door mounted disconnect switch
- Remote operating/monitoring panel
- 6-point digital temperature display
- Oil filled refrigerant pressure gauges
- R-134a, R407c, R-410a, R-507a



Portable Air Cooled Chillers									
Model	Physical Dimensions	Capacity @ 95°F Ambient (1,000's BTUH)			Reservoir Capacity (gal)	Pump Flow (gpm)	Inlet / Outlet Size	MCA (460/3/60)	Weight (Dry)
		35°F LCT	45°F LCT	55°F LCT					
CF-3-A	40" L x 30" W x 55" H	27	34	43	30	10	1"	20	750 lbs.
CF-5-A	40" L x 30" W x 55" H	41	53	66	30	15	1"	20	850 lbs.
CF-7-A	48" L x 32" W x 62" H	63	78	95	50	20	1-1/4"	30	1,050 lbs.
CF-10-A	48" L x 32" W x 62" H	90	110	133	50	30	1-1/4"	30	1,200 lbs.
CF-12-A	64" L x 39" W x 72" H	108	133	163	75	35	1-1/2"	40	1,750 lbs.
CF-15-A	64" L x 39" W x 72" H	131	162	197	75	45	1-1/2"	40	2,200 lbs.
CF-20-A	84" L x 39" W x 90" H	178	219	266	90	60	2"	50	2,300 lbs.
CF-25-A	84" L x 39" W x 90" H	215	267	325	90	70	2"	60	2,450 lbs.
CF-30-A	128" L x 39" W x 94" H	261	323	393	110	90	3"	80	2,600 lbs.
CF-35-A	128" L x 39" W x 94" H	308	381	463	110	100	3"	90	2,750 lbs.
CF-40-A	128" L x 39" W x 94" H	350	433	526	130	110	3"	100	2,850 lbs.

Portable Water Cooled Chillers									
Model	Physical Dimensions	Capacity @ 85°F LCWT (1,000's BTUH)			Reservoir Capacity (gal)	Pump Flow (gpm)	Inlet / Outlet Size	MCA (460/3/60)	Weight (Dry)
		35°F LCT	45°F LCT	55°F LCT					
CF-3-W	40" L x 30" W x 30" H	28	38	49	30	10	1"	20	650 lbs.
CF-5-W	40" L x 30" W x 30" H	43	56	70	30	15	1"	20	750 lbs.
CF-7-W	48" L x 35" W x 36" H	69	85	102	50	20	1-1/4"	30	1,000 lbs.
CF-10-W	48" L x 35" W x 40" H	97	119	144	50	30	1-1/4"	30	1,150 lbs.
CF-12-W	64" L x 35" W x 40" H	118	145	176	75	35	1-1/2"	30	1,550 lbs.
CF-15-W	64" L x 35" W x 40" H	143	177	214	75	45	1-1/2"	40	1,950 lbs.
CF-20-W	64" L x 35" W x 40" H	194	239	288	90	60	2"	50	2,150 lbs.
CF-25-W	128" L x 35" W x 50" H	235	290	351	90	70	2"	60	2,300 lbs.
CF-30-W	128" L x 35" W x 50" H	286	353	427	110	90	3"	80	2,450 lbs.
CF-35-W	128" L x 35" W x 50" H	337	415	502	110	100	3"	80	2,600 lbs.
CF-40-W	128" L x 35" W x 50" H	383	472	572	130	110	3"	90	2,700 lbs.

\*System pumps designed for rated flow @ 40 PSI, other ranges are available.

\*Water Cooled units require 2 GPM per ton condenser water flow.

**Layout and Design Assistance:**

Chiller Solutions 3D design program allows for simple arrangement of the CF series chillers and integrated options with minimal time and effort. This assistance allows the installation to be ideally fit into each application. Chiller Solutions provides a complete bill of materials, quotation, and CAD drawings for the application in a short amount of time.

