



picture shown is
model CTF-20
2 inch system

CTF-Series Cooling Tower Filter Systems

CTF-Series Specifications

Filter	<ul style="list-style-type: none">• Model V-Series• 316 SS**• 316L SS sintered **• 15 to 1500 micron **• 125 psi **• 176° F (80° C) **
Controls	<ul style="list-style-type: none">• Model VF4-AC - electronic• alarm output
Flowmeter	<ul style="list-style-type: none">• Model MX-Series Mag Meter
Flow Range	<ul style="list-style-type: none">• 20 to 1,500 gpm per skid
Pump	<ul style="list-style-type: none">• closed coupled, centrifugal• 220 VAC single or 3-phase, or• 440 VAC 3-phase
Gages	<ul style="list-style-type: none">• liquid filled
Skid	<ul style="list-style-type: none">• carbon steel channel iron• carbon steel diamond plate

** Other options are available on request.

Every skid is manufactured and assembled in the USA, and is fully tested prior to delivery.

General Information

Valve and Filter's CTF-Series (Cooling Tower Filter) Systems are designed and built for:

- ease of installation,
- the most efficient cleaning in the industry,
- total automation, adjustability and control, and
- minimal maintenance.

The CTF-Series footprint is small, and installation is as simple as it gets with four easy steps. Connect (1) the inlet, (2) the outlet, (3) the flush line and (4) the power, and the system is ready to clean your tower.

This system utilizes the newest, state-of-the-art self-cleaning screen filtration technology available today. The CTF-Series Cooling Tower Filter System is capable of removing 100% of all suspended solids greater than the screen micron opening, including "floaters" (particles with a specific gravity less than water). Also, the flush cycle occurs only when it is needed, and it takes from 5 to 20 seconds. The result is the lowest flush flow available - only a few gallons per flush - minimizing water waste.

The CTF-Series System comes with high quality controls and gages that allow you to monitor cleaning performance and to adjust for a wide range of changing conditions. The skid is constructed of heavy duty carbon steel diamond plate platform and channel iron frame.

Call VAF to discover more about the CTF-Series.

Valve and Filter

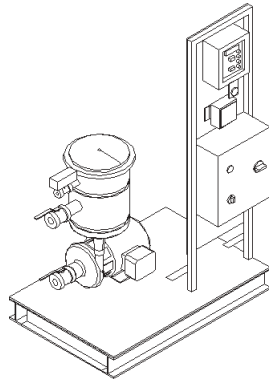
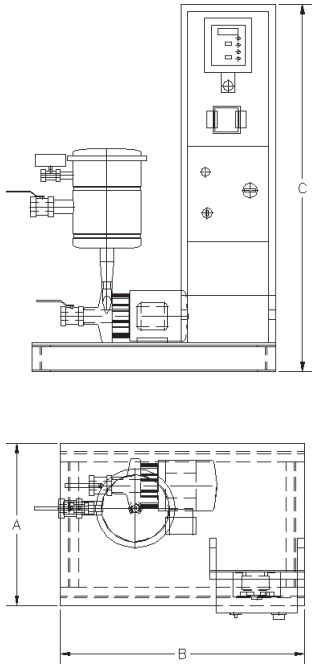
5270 Marshall Street, Arvada, CO 80002 USA

Phone 303-425-4242 Fax 303-425-0112

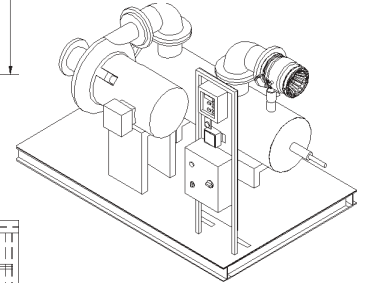
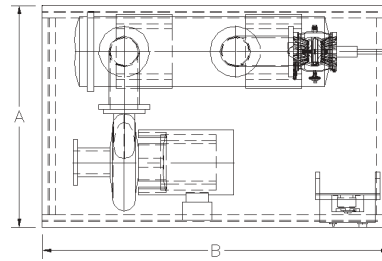
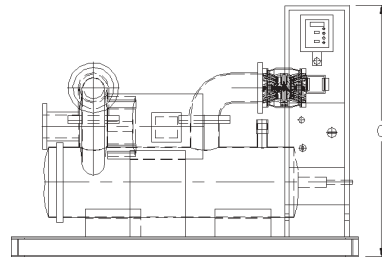
www.valveandfilter.com

sales@valveandfilter.com

Dimensions



drawing shown is
model CTF-20
2 inch system

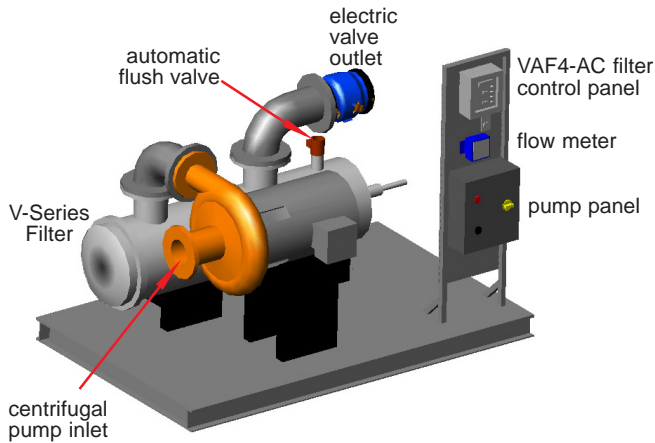


drawing shown is models
CTF-30 thru CTF-80
3 to 8 inch systems

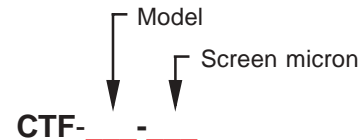
CTF model	Flow range gpm	inlet/outlet size inches	flush line inches	Platform			Pump HP	Filter			Mag meter model (optional)
				A	B	C		model	screen area in ²	flush volume gallons	
CTF-20	20 - 120	2" npt	1" npt	24"	30"	55"	5	V-125	118	20	EX 81P
CTF-30	100 - 250	3" flange	1" npt	24"	30"	55"	7.5	V-250	224	4	EX 81P
CTF-40	150 - 500	4" flange	1" npt	24"	30"	55"	15	V-500	448	8	EX 82P
CTF-60	400 - 1000	6" flange	2" npt	35"	75"	55"	30	V-1000	867	8	EX 82P
CTF-80	800 - 1500	8" flange	2" npt	35"	85"	55"	40	V-1500	1300	12	EX 82P

Typical Application

CTF-60
6 inch Filter Skid



How To Order



OPTIONS:

Model	Screen micron **
20	15, 25, 50, 75,
30	100, 120, 180,
40	200, 400, 800,
60	or 1500 micron
80	all models

** Other micron on special request.

Example:

300 gpm system requiring 100 micron
CTF-40-100

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