



CTF-80 8 inch system

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 the inlet, the outlet, the flush line and the power, and the system is ready to clean your tower.

Filtration of cooling towers increases efficiency, decreases downtime, reduces chemical requirements, and protects the entire system from damaging contaminants.

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. Flush duration is only 15 - 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 with a carbon steel channel frame.

Call Valve and Filter to discover more about the CTF line.

CTF-Series Cooling Tower Filter Systems

CTF-Series Specifications

Filter

body
screen
filtration range
max pressure
max temperature

- Model V-Series
- 316 SS**
- 316L SS sintered **
- 15 to 1500 micron **
- 125 psi **
- 176° F (80° C) **

Controls

- Model VF4-AC - electronic
- alarm output

Flowmeter

- Model MX-Series Mag Meter

Flow Range

- 20 to 1,500 gpm per skid

Pump

- Close coupled, centrifugal
- 220 VAC single or 3-phase, or
- 440 VAC 3-phase

Gages

- Liquid filled

Skid

frame
platform

- Carbon steel channel
- 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.

Valve and Filter

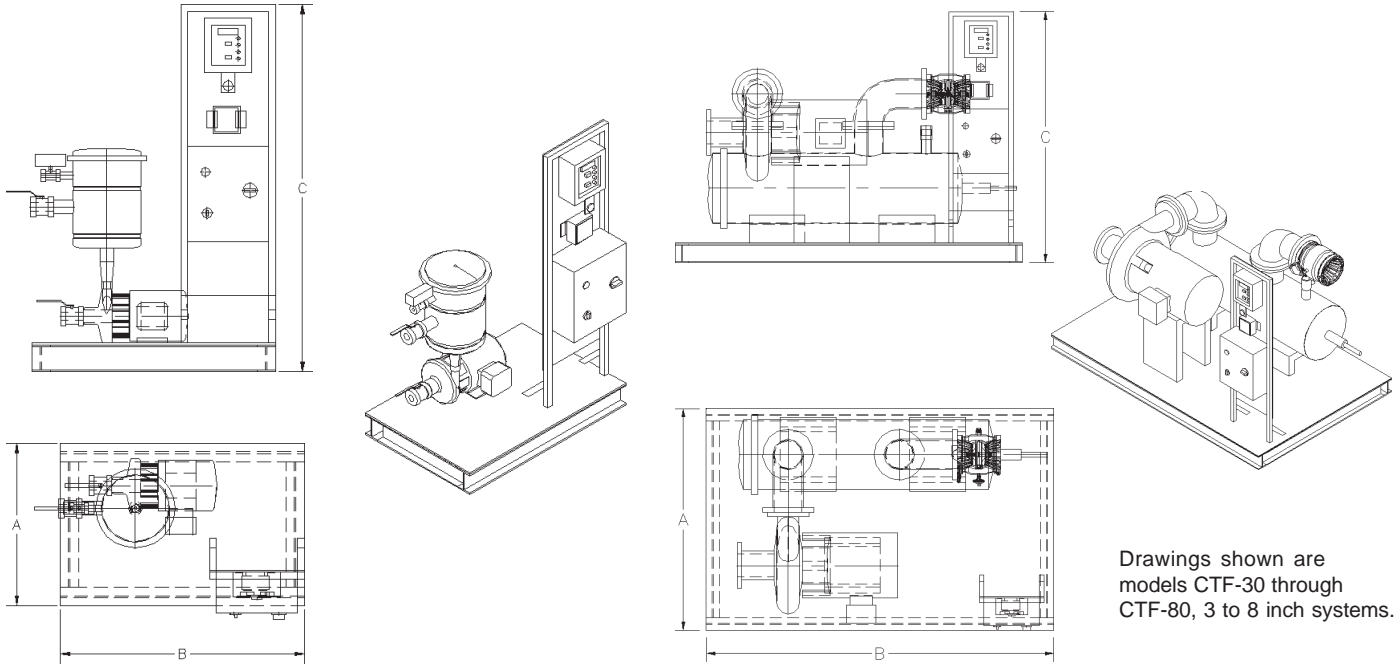
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Dimensions

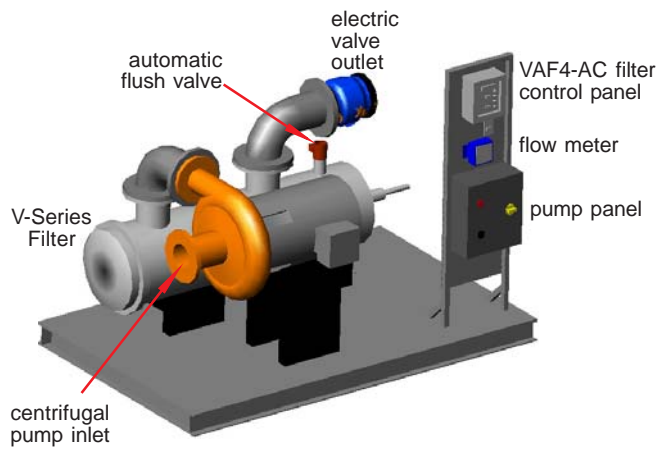


Drawings shown are models CTF-30 through CTF-80, 3 to 8 inch systems.

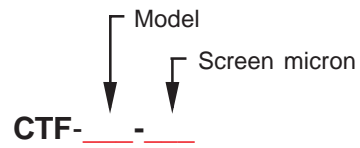
Model	Flow Range (GPM)	Inlet & Outlet Size (inch)	Flush Line (inch)	Skid Dimensions			Pump (HP)	Filter			Flow Meter
				(inch)				Model	Screen Area (inch)	Flush Volume (Gallons)	Model (optional)
				Width	Length	Height					
CTF-20	20 - 120	2" NPT	1" NPT	24"	30"	55"	5	VLC-125	118	20	EX 81P
CTF-30	100 - 250	3" Flanged	1.5" NPT	24"	30"	55"	7.5	V-250	224	8	EX 81P
CTF-40	150 - 500	4" Flanged	1.5" NPT	24"	30"	55"	15	V-500	448	15	EX 82P
CTF-60	400 - 1000	6" Flanged	2" NPT	35"	75"	55"	30	V-1000	867	15	EX 82P
CTF-80	800 - 1500	8" Flanged	2" NPT	35"	85"	55"	40	V-1500	1300	23	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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