COOLING TECHNOLOGY INC

CTS – Inline Filters

	CTS-2	CTS-3	CTS-4C	CTS-4B	CTS-6	CTS-8	CTS-10
Specifications							
Connection Size & Type	2" NPT	3" NPT	4" / flanged	4" / flanged	6" / flanged	8" / flanged	10" / flanged
Max Pressure (PSI)	125	125	125	125	150	150	150
Max Flow Rate (GPM)	100	200	350	350	750	1300	2000
Lid Type	clamp	clamp	clamp	Bolted	bolted	bolted	bolted
Height	15 ½"	28 $\frac{1}{8}$"	26 ¼"	26 ¼"	36 $\frac{7}{16}$"	48 $\frac{11}{16}$"	59 $\frac{15}{16}$"
Width	9 ¼"	13 $\frac{1}{8}$"	19 $\frac{3}{16}$"	19 $\frac{3}{16}$"	24 $\frac{5}{8}$"	31 ½"	39 ¾"
Weight (lbs.)	14	30	60	60	125	200	400
Gauge Ports	¼" FPT	¼" FPT	¼" FPT	¼" FPT	¼" FPT	¼" FPT	¼" FPT
Flush Port	1 ½" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT

Construction

Housing	T304 stainless steel
Filter	Screen frame & mesh: T304 stainless steel
Internal Piping	2" and 3" models use type 304S.S. riser pipe
	4" through 10" models use PVC elbow and riser pipe assembly
Gaskets	EPDM lid gasket, disk gasket and filter gasket
Hardware	Bolt, washer, clamp & handle: T304 stainless steel Nut: brass
Gauge Ports	¼" gauge ports on inlet and outlet sides of screen
Filter Element	Conical in shape and vertical in orientation

General

Pressure Loss – 1 psi (during maximum flow)
Mesh sizes – 16 to 200 available
Features a debris flush port

Options

Pressure Differential Alarm	Monitors the inlet and outlet system pressure. When the filter screen becomes clogged, the pressure differential switch-gauge will trigger an audible siren and visual flashing alarm.
Automatic Flush Timer	Debris is purged automatically using a water diaphragm valve and a timer based valve controller. The timer controller is easy to use, water-resistant and can be powered with 9-volt batteries or AC power.
Bypass Manifold	Manifold consists of 3 flanged butterfly valves enabling water to by-pass the inline filter during maintenance.
110/12VDC Power Supply	Plugs into 110V Wall Plug
Pressure Gauges	2 required per. strainer (gauge ports included on strainer housing)

Note: Cooling Technology, Inc. reserves the right to change manufacturers of components as found necessary.