

Quick Selection Guide

Cooling Tower Dosing Systems v6.1

*Following is a summary of HydroChem's Cooling Tower Dosing Systems,
including available Upgrades & Options.*

*Please contact CWC for any system requirements that fall outside
of the specifications listed in this Quick Selection Guide*

July 2025

Table 1: Quick Selection Guide - Cooling Tower Dosing Systems

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PRIMARY BIOCIDES CHEMICAL PROGRAM	Dosing System Ordering Code	Dosing System Features ¹ • = Included, opt = optional											
		Cabinet	ORP Probe	pH Probe	GPRS Internet Modem	Timed Biocide Pump Quantity	Bleed Valve	Inhibitor Pump	Chlorine pump	Brominator Solenoid Valve	2m Lead with DIN plug for Hydrochem Brominator skid	Flow Switch	
Non-Oxidising Biocides dosed via 28-day or 7-day Timer Programs (NO ORP)	HCTC-B1					1	•	•				opt	
	HCTC-B1-CAB	•				1	•	•				opt	
	HCTC-B2					2	•	•				opt	
	HCTC-B2-CAB	•				2	•	•				opt	
Chlorine dosed via ORP control	HCTC-CA-RXP-HC1	opt	•			1	•	•	•			•	
	DP-CA-RXP-HC1	opt	•	opt	opt	1	•	•	•			•	
Brominator dosed via ORP control (2m Lead with DIN plug provided to plug into Solenoid Valve on Hydrochem Brominator Skid)	HCTC-CA-RXB-HC1	opt	•			1	•	•			•	•	
	DP-CA-RXB-HC1	opt	•	opt	opt	1	•	•			•	•	
Brominator dosed via via ORP control (Brominator Solenoid included in manifold)	HCTC-CA-RXB-HC2	opt	•			1	•	•		•		•	
	DP-CA-RXB-HC2	opt	•	opt	opt	1	•	•		•		•	

1. For full details of system specifications & options, refer to product data sheets

Table 2: Available UPGRADES & OPTIONS per product

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Ordering Code	Description	Dosing System											
		• = Available as an Option, inc = Already included											
		HCTC-B1	HCTC-B1-CAB	HCTC-B2	HCTC-B2-CAB		HCTC-CA-RXP-HC1	HCTC-CA-RXB-HC1	HCTC-CA-RXB-HC2		DP-CA-RXP-HC1	DP-CA-RXB-HC1	DP-CA-RXB-HC2
UPGRADES													
AF02-1/2-LRU230	Replace solenoid valve with Belimo Power Open/Close Valve	•	•	•	•		•	•	•		•	•	•
AF02-1/2-TRF230	Replace solenoid valve with Belimo Spring Return Valve	•	•	•	•		•	•	•		•	•	•
DP-UPGRADE-PUMP-PE-5.0	Upgrade Pump from 1.3 l/hr to 5.0 l/hr (Price Per Pump)	•	•	•	•		•	•	•		•	•	•
OPTIONS													
HCTC-CA-OPT-CABG	Mount Complete Dosing System inside cabinet 630x530x255mm						•	•	•				
DP-OPT-HC-CABG	Mount Complete Dosing System inside cabinet 800x600x300mm										•	•	•
DP-OPT-PROBE-PH-M10	Add Standard pH probe for pH measurement										•	•	•
AF10-XP2	BMS card: 4-20mA for TDS plus NPN event outputs	•	•	•	•								
AF10/10A-XP2	BMS card: 4-20mA for TDS & ORP plus NPN event outputs						•	•	•				
DP-OPT-CARD-OP	BMS card: 4-20mA for TDS, Temp, ORP, pH plus NPN event outputs										•	•	•
DP-OPT-CARD-MODBUS	MODBUS RTU RS485 BMS card										•	•	•
DP-OPT-CARD-4G	4G Internet Modem for Remote Connectivity										•	•	•
DP-OPT-WEB-PLAN-SIM-4G^	Connection plan including SIM card, data & SMS's										•	•	•
AF04-3/4-NX-T	Flow Switch to disable dosing on no flow (Transparent Acrylic Block)	•	•	•	•		inc	inc	inc		inc	inc	inc
RV ILS-1-T20E-CS	In-line Strainer 1" MNPT, 20 mesh, 915 micron	•	•	•	•		•	•	•		•	•	•

^ Includes a setup/activation fee, and will be for the period from the Month after goods are dispatched to June, inclusive