



**Convergent
Water
Controls**

Quick Selection Guide

DIGICHEM[®] & DIGICHEM[®] Plus⁺ Cooling Tower Dosing Systems v1.0

*Following is a summary of **DIGICHEM[®]** 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*

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Table 1: Quick Selection Guide - Cooling Tower Dosing Systems

PRIMARY BIOCIDES CHEMICAL PROGRAM	Dosing System Ordering Code	Dosing System Features ¹ • = Included, opt = optional, blank = N/A												
		Cabinet	ORP Probe	pH Probe	4G Internet Modem	Timed Biocide Pump Quantity	Timed Auxiliary Pump	Dispersant Pump	Bleed Valve	Inhibitor Pump	Chlorine pump	Brominator Solenoid Valve	pH Pump	Flow Switch
Non-Oxidising Biocides dosed via 28-day or 7-day Timer Programs (No pH or ORP)	DIGICHEM-A2-V					1			•	•				opt
	DIGICHEM-A2-V-CABG	•				1			•	•				opt
	DIGICHEM-AB2-V					2			•	•				opt
	DIGICHEM-AB2-V-CABG	•				2			•	•				opt
Chlorine dosed via ORP control (pH monitoring and/or pH control optional in DP-CA-RXP and DP-CA-RXP-CAB only)	DIGI-AB2RX2A-P		•			1			•	•	•			•
	DIGI-AB2RX2A-P-CABG	•	•			1			•	•	•			•
	DP-CA-RXP		•	opt	opt	1	opt	opt	•	•	•		opt	•
	DP-CA-RXP-CAB	•	•	opt	opt	1	opt	opt	•	•	•		opt	•
Chlorine dosed via ORP with pH control	DP-CAPHP-RXP		•	•	opt	1	opt	opt	•	•	•		•	•
	DP-CAPHP-RXP-CAB	•	•	•	opt	1	opt	opt	•	•	•		•	•
Brominator dosed via ORP control (pH monitoring and/or pH control optional in DP-CA-RXB and DP-CA-RXB-CAB only)	DIGI-AB2RX2A-B		•			1			•	•		•		•
	DIGI-AB2RX2A-B-CABG	•	•			1			•	•		•		•
	DP-CA-RXB		•	opt	opt	1	opt	opt	•	•		•	opt	•
	DP-CA-RXB-CAB	•	•	opt	opt	1	opt	opt	•	•		•	opt	•
Brominator dosed via ORP control (Incl pH monitoring. pH control optional)	DP-CAPH-RXB		•	•	opt	1	opt	opt	•	•		•	opt	•
	DP-CAPH-RXB-CAB	•	•	•	opt	1	opt	opt	•	•		•	opt	•

Table 2: Available UPGRADES & OPTIONS per product

Ordering Code	Description		Dosing System															
		• = Available as an Option, inc = Already included																
		DIGICHEM-A2-V	DIGICHEM-A2-V-CABG	DIGICHEM-AB2-V	DIGICHEM-AB2-V-CABG	DIGI-AB2RX2A-P	DIGI-AB2RX2A-P-CABG	DP-CA-RXP	DP-CA-RXP-CAB	DP-CAPHP-RXP	DP-CAPHP-RXP-CAB	DIGI-AB2RX2A-B	DIGI-AB2RX2A-B-CABG	DP-CA-RXB	DP-CA-RXB-CAB	DP-CAPH-RXB	DP-CAPH-RXB-CAB	
UPGRADES																		
AF02	Replace 1/2" solenoid valve with 3/4" solenoid valve IP65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
AF02-1/2-TRF230	Replace 1/2" solenoid valve with 1/2" Belimo Spring Return Valve IP42	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
AF02-3/4-TRF230	Replace 1/2" solenoid valve with 3/4" Belimo Spring Return Valve IP42	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
DP-UPGRADE-PUMP-PE-5.0	Upgrade Pump from 1.3 l/hr to 5.0 l/hr (Price Per Pump)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
OPTIONS																		
DP-OPT-PROBE-PH-M10	Add Standard pH probe for pH measurement							•	•	inc	inc			•	•	inc	inc	
DP-OPT-PUMP-PH	Add SEKO peristaltic dosing pump 1.3 l/hr for pH Control							•		inc				•		•		
DP-OPT-PUMP-PH-CAB	Add SEKO peristaltic dosing pump 1.3 l/hr for pH Control								•		inc			•		•		
DP-OPT-PUMP-DIS	Add SEKO peristaltic dosing pump 1.3 l/hr for Dispersant Dosing							•		•				•		•		
DP-OPT-PUMP-DIS-CAB	Add SEKO peristaltic dosing pump 1.3 l/hr for Dispersant Dosing								•		•			•		•		
AF10-XP2	Add BMS card: 4-20mA for TDS plus NPN event outputs	•	•	•	•													
AF10/10A-XP2	Add BMS card: 4-20mA for TDS & ORP plus NPN event outputs					•	•					•	•					
DP-OPT-CARD-OP	Add BMS card: 4-20mA for TDS, Temp, ORP, pH plus NPN event outputs							•	•	•	•			•	•	•	•	
DP-OPT-CARD-MODBUS	Add MODBUS RTU RS485 BMS card							•	•	•	•			•	•	•	•	
DP-OPT-CARD-4G	Add 4G Internet Modem for Remote Connectivity							•	•	•	•			•	•	•	•	
DP-OPT-WEB-PLAN-SIM-4G^	Connection plan including SIM card, data & SMS's							•	•	•	•			•	•	•	•	
DP-OPT-STROBE-R-CAB	Add Red Alarm Strobe to top of Cabinet		•		•		•		•		•		•		•		•	
AF04-3/4-NX-T	Add Flow Switch to disable dosing on no flow (Transparent Acrylic Block)	•	•	•	•	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	
RV ILS-1-T20E	In-line Strainer 1" MNPT, 20 mesh, 915 micron	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

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