

COOLTEG PLUS CW



➤ **CoolTeg Plus CW** chilled water units are designed to be connected to any system with chillers producing cold water.

MAIN ADVANTAGES

- Unlimited number of units connectible to any single water system
- Free-cooling system conserves ample amounts of energy
- Variable chiller types fulfill any requirements (outdoor noise level, extreme ambient temperatures, etc.)
- Water temperatures variable during the year, conserving energy while controlling humidity levels
- Maintains water temperature between 6 °C and 30 °C

COLOR SAMPLER: RAL 9005

RAL 7035

CoolTeg Plus CW				
		CW30	SuperC	CW60
Indoor unit code	Unit	AC-TCW-42-30/XX-XXX	AC-TCW-42-30/XX-XXX	AC-TCW-42-60/XX-XXX
Connected outdoor unit code		Chilled water system		
BASIC DATA				
Cooling system	-	Chilled water		
Architecture ¹	-	Open or closed	Open	Open
Nominal cooling capacity ²	kW	27.4	38.2	61.0
Nominal net cooling capacity ³	kW	26.6	35.7	58.2
Power supply	V/ph/Hz	230/1/50	230/1/50	400/3/50
Running current	A	4.2	10.8	4.8
Maximum current	A	6	12	6
Nominal power consumption	W	770	2450	2900
Nominal airflow ⁴	m ³ /h	3800	6000	10500
Number of fans	Pcs	5	5	3
Motor fan technology	-	EC		
Water flow	kg/h	3900	5200	8800
Filter class ⁵	-	G4		
DIMENSIONS				
Height ⁶	mm (U)	1978 (42U), 2111 (45U), 2245 (48U)		
Width	mm	300	300	600
Depth ⁷	mm	1000 or 1200		
Weight – depth 1000 mm, height 42/45/48U	kg	163/168/173	164/169/174	248/256/264
Weight – depth 1200 mm, height 42/45/48U	kg	173/179/185	174/180/186	260/270/280
PIPING CONNECTION				
Supply pipe diameter and type	-	5/4" female	5/4" female	6/4" female
Return pipe diameter and type	-	5/4" female	5/4" female	6/4" female

¹ CoolTeg units can be used either independently (in rack rows) or integrated in Modular Closed Loop (MCL) – closed architecture rack systems and cooling units; Code changed as per ordering matrix

² Cooling capacity is changed by controller; nominal cooling capacity is calculated at return hot air temperature of 35 °C without condensation (air humidity below dew-point), chilled water temp. 6/12 °C (for CW)

³ Net cooling capacity is the cooling capacity minus fan heat load - the actual unit cooling capacity available to IT equipment

⁴ Airflow is changed by the controller; nominal airflow matches nominal cooling capacity

⁵ Units in Modular Closed Loop architecture (MCL) are delivered without filters

⁶ Without plinth or transport trolley

⁷ Units for Modular Closed Loop architecture (MCL) are available in 1200 mm depth only

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