

TARGETED COOLING & AIRFLOW MANAGEMENT

COOLTOP COOLING UNITS



➤ **CoolTop** cooling units are specifically designed for easy installation atop IT racks, and are uniquely suitable for effective targeted cooling of server rooms and large data centers.

MAIN ADVANTAGES

- Does not occupy floor area
- Brings chilled air directly to cold aisle in front of server racks
- Vertical air loop, with local flexibility
- Extremely low power consumption, due to large heat exchanger and EC axial fans
- Modern "server-friendly" control system
- Allows flexibility of room arrangement
- Raised floor unnecessary for air distribution
- Installs easily in contained hot or cold aisle
- Perfectly compatible with Conteg IT racks
- Comes with a wide range of accessories (see page 86)

COLOR SAMPLER: RAL 9005 RAL 7035

SUITABLE FOR

- Contained Cold Aisle
- Contained Hot Aisle
- Can be combined with CoolTeg Plus units in the same group (aisle)

CoolTop			
		CoolTop2	CoolTop3
Indoor unit code	Unit	AC-TOP2-CW-240/60	AC-TOP3-CW-240/60
Connected outdoor unit		Chilled water system	
BASIC DATA			
Cooling system	-	Chilled water	
Architecture	-	Open	Open
Nominal cooling capacity ¹	kW	37.0	48.0
Nominal net cooling capacity ²	kW	36.3	46.9
Power supply	V/ph/Hz	230/1/50	
Running current	A	3.4	5.0
Maximum current	A	4.6	6.8
Nominal power consumption	W	710	1100
Nominal airflow ³	m ³ /h	7700	11000
Number of fans	Pcs	2	3
Motor fan technology	-	EC	
Water flow	kg/h	6200	8200
Filter class	-	G2 (+ droplet separator)	
DIMENSIONS			
Height ⁴	mm	600	
Width	mm	2400	
Depth ⁵	mm	400 (600)	
Weight ⁶	kg	175	184
PIPING CONNECTION			
Supply pipe diameter and type	-	6/4" female	
Return pipe diameter and type	-	6/4" female	

¹ Cooling capacity can be changed via electronic controller. Nominal cooling capacity is stated for air temperature of 35 °C in hot zone, without condensation (relative humidity under dew point). Water temperature is 10/15 °C, clean filters.

² Net cooling capacity (without heat from fans) is usable cooling capacity of entire system

³ Airflow is changed by control needs. Nominal airflow equals nominal cooling capacity.

⁴ Without any base frame

⁵ Bottom side length 400 mm; top side length 600 mm

⁶ For weight with droplet separator, add 11 kg

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