Datacenter Cooling Solutions

DATA SHEET

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Datacenter Cooling Solutions

Webb Precision Cooling Solutions are meticulously engineered to cater to the evolving needs of modern data environments. Our Modular Precision Cooling solutions are tailor-made and optimised exclusively for modular data centres, ensuring unparalleled efficiency and performance. Designed with precision, these units offer seamless integration and scalability, for compact and modular infrastructures.
Our Room Precision Cooling solutions are engineered with advanced cooling technologies that provide an efficient and consistent cooling infrastructure for critical computing environments.

Modular Datacenter Cooling

Cooling capacity range: 2.5kW to 90kW
Specially designed and optimized for Modular Data Centers.




Room Cooling CRAC

Cooling capacity range: 5.6kW to 200kW
Highly reliable computer room air conditioner solutions.



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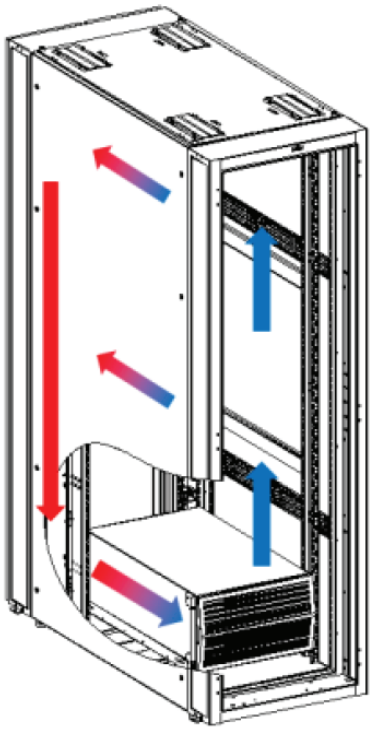
Modular Datacenter Cooling- Rack Mount

Rack mountable, Split air cooler, suitable for Micro and Mini modular data centres.



- Cooling capacity range: 3.9kW to 12.8kW
- Highly efficient inverter compressor and EC Fan: ensuring precise temperature control within the containment and preventing the compressor from cycling during periods of low heat load
- Standard rack mount structure: Fully compatible with server racks, flexible for further expansion
- Precision cooling controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Slide drawer-style electric box: Facilitates ease of access for maintenance
- Adaptive copper piping: Enables quick connections and supports both bottom and top connections
- Consists of Eco-friendly R410A refrigerant
- Flexible front air outlet: Suitable for installation at a variable height in a rack

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Technical Specifications

Part number	T.DCS.ND.RM.3.9	T.DCS.ND.RM.5.9	T.DCS.ND.RM.8.6	T.DCS.ND.RM.12.8
Total capacity- kW (2)	3.9	5.9	8.6	12.8
SHR -%	100	100	100	100
Air volume - m^3/h (1)	700	1100	1200	2400
Mount type	Rack	Rack	Rack	Rack
Height - mm	266(6U)	355(8U)	445(10U)	533(12U)
Depth - mm	828	828	828	828
Width - mm	483	483	483	483
Weight - kg	31	43	52	70
Reheat(optional) - kW	1.2	1.2	2.4	2.4
Hum.(optional) - kg/h	-	-	-	-
Power input -1	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph	380-415V/50-60Hz/3Ph
FLA - A - 1 (3)	13.9	15.2	21.6	18
Power input - 2	-	-	-	208V/60Hz/3Ph
FLA - A - 2	-	-	-	32.9
Outdoor unit	T.DCS.OD.RM.3.9	T.DCS.OD.RM.5.9	T.DCS.OD.RM.8.6	T.DCS.OD.RM.12.8
Height - mm	632	790	790	1240
Depth - mm	395	420	420	420
Width - mm	800	800	800	800
Leg height - mm	-	-	-	-
Weight - kg	35	38	50	77
Power input - 1	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph	380-415V/50-60Hz/3Ph
FLA - A - 1	12.6	13.2	19.6	16
Power input - 2	-	-	-	208V/50-60Hz/3Ph
FLA - A - 2	-	-	-	29.3

Notes:

1. Airflow is calculated at maximum settings; the fan modulates according to actual loads.
2. Cooling capacity is determined based on a return air temperature of 37°C and 24% relative humidity (RH), along with an outdoor temperature of 35°C, utilizing the standard condenser.
3. The Full Load Amperage (FLA) of the indoor unit incorporates the FLA of the outdoor unit, with the outdoor unit power connected through the indoor unit.
4. The standard unit operates at outdoor temperatures of -15°C and above. For operation in temperatures of -35°C and above, please select the low-temperature kit.

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Modular Datacenter Cooling- Rack Mount Package Type

Rack mountable Built-in type cooling unit, Suitable for mounting at the bottom of a rack. Facilitates ease of installation.

- Cooling capacity: 3.5kW
- Height: 8U
- Highly reliable and efficient.
- Precision Cooling Controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Compatible with all standard rack sizes
- Provides efficient airflow management of hot and cold streams
- Reduced risk of water leakages
- Consists of Eco-friendly R410A refrigerant

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Technical Specifications

Part number	T.DCS.ND.RP.3.5
Total capacity -kW (1)	3.5
SHR - %	100
Airflow - m³/h	700
Reheat-kW	1.2
Humidification - kg/h	N/A
Mount type	Rack bottom
Power input	220V/50Hz/60Hz/1Ph
Height - mm	355 (8U)
Depth - mm	900
Width - mm	440
Weight - kg	45
Cooling type	Air cooled DX
Refrigerant	R410A
FLA - A	13.5
Monitoring port (2)	RS485
Operating temperature	-15℃ to 45℃

Notes:

1. Cooling capacity is determined based on a return air temperature of 37℃ and 24% relative humidity (RH), along with an outdoor temperature of 35℃, utilizing the standard condenser.
2. Options include SNMP monitoring protocol.

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Modular Datacenter Cooling-
Top Mount Package DX

Rack mountable Built-in type cooling unit, Suitable for mounting at the top of a rack. Facilitates ease of installation. Applicable for micro data centres and mini modular data centre solutions.

- Cooling capacity range: 2.5kW to 5.5kW
- Height: Standard sizes - 9U or 12U
- Highly reliable and efficient
- Precision Cooling Controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Compatible with all standard rack sizes
- Provides efficient airflow management of hot and cold streams
- Reduced risk of water leakages
- Consists of Eco-friendly R410A refrigerant

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Technical Specifications

Part number	T.DCS.ND.TM.2.5	T.DCS.ND.TM.3.5	T.DCS.ND.TM.5.5
Total cooling kW	2.5	3.5	5.5
SHR - %	100	100	100
Air volume - m³/h	500	600	1200
Mount type	Top	Top	Top
Cooling type	DX	DX	DX
Height - mm	390(9U)	390(9U)	521(12U)
Depth - mm	1100	1100	1100
Width - mm	600	600	600
Weight - kg	50	55	65
Power input	208-240V/50Hz-60Hz/1Ph-2Ph	208-240V/50Hz-60Hz/1Ph-2Ph	208-240V/50Hz-60Hz/1Ph-2Ph
FLA - A	5.5	6.5	7.8

Notes:

1. Cooling capacity based on a return air temperature of 37°C and 24% RH and outdoor air temperature of 35°C
2. Options include: SNMP monitoring protocol, condensate evaporation kit

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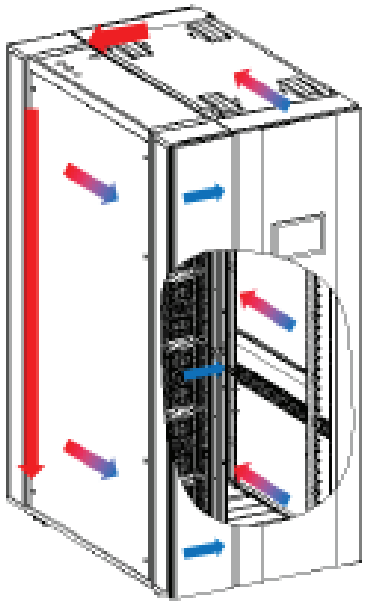
Modular Datacenter Cooling- Row Mount DX

Row-mounted, split-type external condenser cooling unit, ideal for micro data centres, and integrated modular data centre solutions.



- Cooling capacity range: 5.6kW to 90.1kW
- Height: 42U & width available in 300, 600, or 900mm
- Dynamic Cooling: Inverter compressor adjusts capacity for optimal temperature, preventing compressor cycling during low heat loads
- The airflow is modulated with EC fans to match the rack cooling requirements
- Precision Cooling Controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Consists of Eco-friendly R410A refrigerant
- Adaptive copper piping for quick bottom and top connections
- The G4 air filters and sealed doors are easily replaceable to help build a clean and low-noise micro data centre
- Consists of slide drawers for the electric box making operations smoother
- Condensate pump, Leaking kit and long piping kit are optional for diverse applications

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Technical Specifications

Part number	T.DCS.ND.RD.5.6	T.DCS.ND.RD.7.6	T.DCS.ND.RD.12.8	T.DCS.ND.RD.17.6	T.DCS.ND.RD.21.2	T.DCS.ND.RD.25.1	T.DCS.ND.RD.31.1	T.DCS.ND.RD.40.9	T.DCS.ND.RD.51.2	T.DCS.ND.RD.65.7	T.DCS.ND.RD.76.8	T.DCS.ND.RD.90.1
Total cooling - kW	5.6	7.6	12.8	17.6	21.2	25.1	31.1	40.9	51.2	65.7	76.8	90.1
SHR - %	100	100	100	100	100	100	100	100	100	100	100	100
Air volume - m^3/h	2000	2250	2400	4500	4920	5000	5800	8000	10000	12000	13500	16000
Mount type	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row
Cooling type	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX
Height - mm	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Depth - mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Width - mm	300	300	300	300	300	300	300	600	600	600	900	900
Weight - kg	210	213	233	253	258	260	320	360	420	460	540	620
Reheat - kW	3.0	3.0	3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Hum.(optional) - kg/h	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	3	3	3
Power input- 1	208-240V /50-60Hz /1Ph-2Ph	208-240V /50-60Hz /1Ph-2Ph	208-240V /50-60Hz /1Ph-2Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph
FLA- A- 1 with heating	28.2	37.3	48.7	27.0	26.7	27.9	34.6	37.7	48.1	60.6	70.8	84.6
FLA- A- 1 with hum.	33.3	42.4	53.8	32.1	31.8	33.0	39.7	47.9	58.3	70.8	81.0	94.8
Power input- 2	-	-	380-415V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	-	-	-	-
FLA- A- 2 with heating	-	-	20.9	49.4	48.8	51.1	63.2	68.9	-	-	-	-
FLA- A- 2 with hum.	-	-	22.0	52.5	52.0	54.2	66.4	75.1	-	-	-	-
Power input- 3	-	-	-	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph
FLA- A- 3 with heating	-	-	-	22.3	22.1	23.1	28.6	31.1	39.7	50.1	58.5	69.9
FLA- A- 3 with hum.	-	-	-	26.5	26.3	27.3	32.8	39.6	48.2	58.6	66.9	78.4
Standard outdoor												
Part number	T.DCS.OD.RD.5.6	T.DCS.OD.RD.7.6	T.DCS.OD.RD.12.8	T.DCS.OD.RD.17.6	T.DCS.OD.RD.21.2	T.DCS.OD.RD.25.1	T.DCS.OD.RD.31.1	T.DCS.OD.RD.40.9	T.DCS.OD.RD.51.2	T.DCS.OD.RD.65.7	T.DCS.OD.RD.76.8	T.DCS.OD.RD.90.1
Unit Qty	1	1	1	1	1	1	1	1	1	1	2	2

Notes:

1. Air flow is based upon standard fan speed setting. Fan modulates per real loads.
2. Cooling capacity is determined based on a return air temperature of 37°C, 24% relative humidity (RH), and 45°C condensing temperature.
3. The Full Load Amperage (FLA) of the indoor unit incorporates the FLA of the outdoor unit, with the outdoor unit power connected through the indoor unit.
4. SNMP monitoring port, dual power input, and leaking detection are optional.
5. The standard unit operates at outdoor temperatures of -15°C and above. For operation in temperatures of -35°C and above, please select the low-temperature kit

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Modular Datacenter Cooling-
Row Mount DX Package Type

Row-mounted, Built-in condenser-type cooling unit, ideal for micro data centres with spatial restrictions.

- Cooling capacity range: 5.6kW to 10.8kW
- Height: 42U & width: 300mm
- Dynamic Cooling: Inverter compressor adjusts capacity for optimal temperature, preventing compressor cycling during low heat loads
- The airflow is modulated with EC fans to match the rack cooling requirements
- Precision cooling controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Consists of Eco-friendly R410A refrigerant
- Built-in condenser with adjustable speed EC fans to meet limited spatial requirements
- Facilitates connection to the air vents on top via duct hose
- The G4 air filters and sealed doors are easily replaceable to help build a clean and low-noise micro data centre
- Consists of slide drawers for the electric box making operations smoother
- Condensate pump, Simple Network Management Protocol (SNMP), and water leaking kit are optional for diverse applications

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Technical Specifications

Part number	T.DCS.ND.RX.5.6	T.DCS.ND.RX.7.6	T.DCS.ND.RX.10.8
Total cooling - kW	5.6	7.6	10.8
SHR - %	100	100	100
Air volume - m^3/h	2000	2250	2500
Mount type	Row	Row	Row
Cooling type	DX Self-contained	DX Self-contained	DX Self-contained
Height - mm	2000(42U)	2000(42U)	2000(42U)
Depth - mm	1200	1200	1200
Width - mm	300	300	300
Weight - kg	210	213	233
Reheat - kW	3.0	3.0	3.0
Hum.(optional) - kg/h	1.5	1.5	1.5
Power input - 1	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph	208-240V/50-60Hz/1Ph-2Ph
FLA - A - 1	28.2	37.3	48.7
FLA - A - 1 with Hum.	33.3	42.4	53.8

Notes:

1. Airflow is calculated at maximum settings; the fan modulates according to actual loads.
2. Cooling capacity is determined based on a return air temperature of 37°C and 24% relative humidity (RH), along with an outdoor temperature of 35°C, utilizing the standard condenser.
3. The Full Load Amperage (FLA) of the indoor unit incorporates the FLA of the outdoor unit, with the outdoor unit power connected through the indoor unit.
4. The standard unit operates at outdoor temperatures of -15°C and above. For operation in temperatures of -35°C and above, please select the low-temperature kit.
5. SNMP monitoring port, dual power input, condenser air duct and leaking detection are optional.

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Modular Datacenter Cooling-Row Mount CW

Chilled water, row-mounted cooling units, ideal for modular data centre and container data centre solutions.

- Cooling capacity range: 28.9kW to 65.8kW
- Height 42U & width: available in 300mm or 600mm
- Dynamically modulated cooling capacity with a motorized ball valve maintains the temperature within the containment and prevents the compressor from cycling during low heat load periods
- The airflow is modulated with EC fans to match the rack cooling requirements
- Precision Cooling Controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Consists of a touchscreen display panel for monitoring and control
- Adaptive copper piping for quick bottom and top connections
- The G4 air filters and sealed doors are easily replaceable to help build a clean and low-noise micro data centre
- Consists of slide drawers for the electric box making operations smoother
- Condensate pump, Leaking kit and dual power supply are optional for diverse applications

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Technical Specifications

Part number	T.DCS.ND.CW.25			T.DCS.ND.CW.45			T.DCS.ND.CW.65		
Water temperature inlet/outlet - ℃	7/12	10/15	13/18	7/12	10/15	13/18	7/12	10/15	13/18
Total capacity - kW (45℃/12%RH return air)	47.1	43.2	39.3	76.0	69.6	63.2	107.6	98.6	89.6
Sensible capacity - kW (45℃/12%RH return air)	47.1	43.2	39.3	76.0	69.6	63.2	107.6	98.6	89.6
Total capacity - kW (40℃/18% return air)	41.0	36.8	32.9	65.4	59.0	52.4	93.2	84.0	74.8
Sensible capacity - kW (40℃/18% return air)	40.8	36.8	32.9	65.4	59.0	52.4	93.0	84.0	74.8
Total capacity - kW (37℃/24% return air)	38.8	33.0	28.9	59.8	52.4	46.0	87.0	75.0	65.8
Sensible capacity - kW (37℃/24% return air)	36.3	33.0	28.9	59.2	52.4	46.0	83.2	75.0	65.8
Total capacity - kW (35℃/26%RH return air)	35.9	30.3	26.3	55.4	48.2	41.6	80.4	69.0	59.6
Sensible capacity - kW (35℃/26%RH return air)	33.8	30.3	26.3	54.8	48.2	41.6	77.4	69.0	59.6
Total capacity - kW (32℃/30%RH return air)	31.7	26.3	22.2	48.4	41.4	34.8	71.0	59.8	50.4
Sensible capacity - kW (32℃/30%RH return air)	29.9	26.3	22.2	48.2	41.4	34.8	68.2	59.8	50.4
Total capacity - kW (30℃/34%RH return air)	29.1	23.6	19.5	44.4	37.0	30.4	65.4	53.6	44.2
Sensible capacity - kW (30℃/34%RH return air)	27.1	23.6	19.5	43.6	37.0	30.4	62.0	53.6	44.2
Air volume - m^3/h (1)	4800			9000			11400		
Mount type	Row			Row			Row		
Height - mm	2000(42U)			2000(42U)			2000(42U)		
Depth - mm	1100			1100			1100		
Width - mm	300			600			600		
Weight - kg	190			330			400		
Reheat	3.0			3.0			3.0		
Hum.(optional) - kg/h	1.5			1.5			1.5		
Power input - 1	208-240V/50-60Hz/1Ph-2Ph			380-415V/50-60Hz/3Ph			380-415V/50-60Hz/3Ph		
FLA - A - 1 with heating	22.7			13.7			16.0		
FLA - A - 1 with hum.	27.8			18.8			26.1		
Power input - 2	-			200-230V/50-60Hz/3Ph			200-230V/50-60Hz/3Ph		
FLA - A - 2 with heating	-			25.1			29.2		
FLA - A - 2 with hum.	-			28.1			35.5		
Power input - 3	-			460V/50-60Hz/3Ph			460V/50-60Hz/3Ph		
FLA - A - 3 with heating	-			11.3			13.2		
FLA - A - 3 with hum.	-			15.5			21.5		

Notes:

1. Airflow is calculated at maximum settings; the fan modulates according to actual loads.
2. SNMP monitoring port, dual power input, 3 way valve and leaking detection are optional.

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Datacenter Room Cooling Solutions

- Consists of a highly reliable scroll compressor
- Includes premium quality EC and AC fans
- Includes touch screen display panel for monitoring and control that supports BMS integration
- High-caliber heat exchanger
- Includes thermostatic expansion valve /electronic expansion valve
- Applicable for large area air filtration systems
- Includes electrode humidifier
- The modular design of the cabinet makes it easier for disassembly

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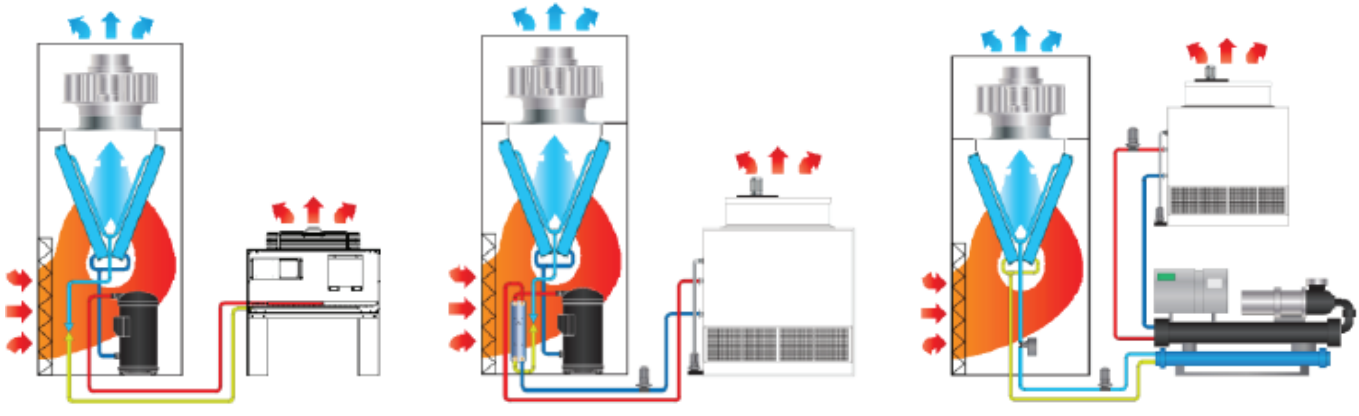
Downflow

Upflow

Cooling Types



Air cooled | Water cooled | Chilled water

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Optional Components

- Long piping kit
- Low-temperature kit
- Water leaking kit
- RS485 / SNMP network monitoring card
- Automatic phase switching module
- Lightning protection module
- High-power electric heating system
- Large touchscreen display
- Remote temperature and humidity sensor
- Ultra-quite air-cooled, outdoor condenser

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Datacenter Room Cooling Solutions- DX Air Cooling

Technical Specifications

Part number	Upflow unit Downflow unit	T.DCS.ND.RC.U.5.5 T.DCS.ND.RC.D.5.5	T.DCS.ND.RC.U.7.5 T.DCS.ND.RC.D.7.5	T.DCS.ND.RC.U.12.5 T.DCS.ND.RC.D.12.5	T.DCS.ND.RC.U.17.5 T.DCS.ND.RC.D.17.5	T.DCS.ND.RC.U.21.2 T.DCS.ND.RC.D.21.2	T.DCS.ND.RC.U.27.5 T.DCS.ND.RC.D.27.5
Cooling capacity - kW		5.5	7.5	12.5	17.5	21.2	27.5
Sensible capacity - kW		5.2	6.8	11.3	15.9	19.1	25
SHR - %		94.5	90.7	90.4	90.9	90.1	90.9
Air volume - m³/h		2000	2250	2850	5000	6200	6700
Fan type		AC / EC	AC / EC	AC / EC	AC / EC	AC / EC	AC / EC
Heating capacity - kW		3	3	4	6	6	6
Heating type		PTC	PTC	PTC	PTC	PTC	PTC
Humidification capacity - kg/h		2.5	2.5	4	4.5	4.5	5
Humidifier type		Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter rating		G3	G3	G3	G4	G4	G4
Weight - kg		118	128	178	300	318	338
Width - mm		550	550	650	750	750	850
Depth - mm		450	450	550	700	700	700
Height - mm		1750	1750	1850	1900	1900	1900
Power input - 1		208-240V /50Hz|60Hz /1Ph|2Ph	208-240V /50Hz|60Hz /1Ph|2Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph
FLA - A - 1 cooling		14.5	16.5	13.1	14.3	19.4	23.1
FLA - A - 1 with heating/hum.		28.2	30.2	19.2	23.4	28.5	32.2
Power input - 2		-	-	200-230V/60Hz/3Ph	200-230V/60Hz/3Ph	200-230V/60Hz/3Ph	200-230V/60Hz/3Ph
FLA - A - 2 cooling		-	-	23.9	26.2	35.4	42.2
FLA - A - 2 with heating/hum.		-	-	35.1	42.9	52.1	58.1
Power input - 3		-	-	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA - A - 3 cooling		-	-	10.8	11.8	16.0	19.1
FLA - A - 3 with heating/hum.		-	-	15.8	19.3	23.5	26.6
Ref. pipe connection - mm		10/12	10/12	12/16	16/16	16/16	16/22
Drain connection - mm		20	20	20	20	20	20
Water in connection		3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Single/dual system		Single	Single	Single	Single	Single	Single
Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A
Standard outdoor							
Part number		T.DCS.OD.RC.U.5.5	T.DCS.OD.RC.U.7.5	T.DCS.OD.RC.U.12.5	T.DCS.OD.RC.U.17.5	T.DCS.OD.RC.U.21.2	T.DCS.OD.RC.U.27.5
Unit Numbers		1	1	1	1	1	1

Notes:

1. Cooling capacity is based on 24°C /50% RH return air conditions, and 45°C condensing temperature.
2. The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
3. FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
4. The standard unit operates at outdoor temperatures of -15°C and above. For operation in temperatures of -35°C and above, please select the low-temperature kit

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*

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Datacenter Room Cooling Solutions-
DX Air Cooling

Technical Specifications

Part number	Upflow Downflow	T.DCS.ND.RC.U.32.5 T.DCS.ND.RC.D.32.5	T.DCS.ND.RC.U.37.7 T.DCS.ND.RC.D.37.7	T.DCS.ND.RC.U.41.8 T.DCS.ND.RC.D.41.8	T.DCS.ND.RC.U.50.0 T.DCS.ND.RC.D.50.0	T.DCS.ND.RC.U.43.5 T.DCS.ND.RC.D.43.5	T.DCS.ND.RC.U.53.1 T.DCS.ND.RC.D.53.1	T.DCS.ND.RC.U.65.1 T.DCS.ND.RC.D.65.1	T.DCS.ND.RC.U.71.1 T.DCS.ND.RC.D.71.1	T.DCS.ND.RC.U.83.6 T.DCS.ND.RC.D.83.6	T.DCS.ND.RC.U.92.1 T.DCS.ND.RC.D.92.1	T.DCS.ND.RC.U.100.9 T.DCS.ND.RC.D.100.9	T.DCS.ND.RC.U.110.9 T.DCS.ND.RC.D.110.9	T.DCS.ND.RC.U.122.9 T.DCS.ND.RC.D.122.9
Cooling capacity - kW		32.5	37.7	41.8	50.0	43.5	53.1	65.1	71.1	83.6	92.1	100.9	110.9	122.9
Sensible capacity - kW		29.3	34	38.1	45.0	39.2	47.8	58.8	64	75.3	83.6	91.1	97.1	105.2
SHR - %		90.2	90.2	91.1	90.0	90.1	90.2	90.3	90.0	90.1	90.8	90.2	87.6	85.6
Air volume - m³/h		8325	8620	10500	12400	10500	12400	16650	17240	21000	22600	24800	26200	27100
Fan type		EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC
Heating capacity - kW		6	6	9	9	9	9	9	9	12	12	12	12	12
Heating type		PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Hum.capacity - kg/h		8	8	10	10	10	10	10	10	12	12	12	12	12
Humidifier type		Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter rating		G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4
Weight - kg		433	438	468	528	478	568	688	718	788	866	888	910	980
Width - mm		1126	1126	1326	1326	1326	1326	1826	1826	2226	2226	2226	2426	2426
Depth - mm		990	990	990	990	990	990	990	990	990	990	990	990	990
Height - mm		1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975
Power input - 1		380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph
FLA - A - 1		35.5	36.3	46.0	49.6	48.2	53.8	66.4	67.2	83.0	86.6	90.2	93.8	97.2
Power input - 2		460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph
FLA - A - 2		29.3	30.0	38.0	41.0	39.8	44.5	54.9	55.5	68.6	71.5	74.5	77.4	80.3
Power input - 3		200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	-	-
FLA - A - 1		64.9	66.4	84	90.6	88.1	98.3	121.3	122.8	151.7	158.2	164.8	-	-
Pipe connection - mm		16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22	16/22
Drain connection - mm		20	20	20	20	20	20	20	20	20	20	20	20	20
Water in connection		3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Single/dual system		Single	Single	Single	Single	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Standard outdoor unit														
Part number		T.DCS.OD.RC.U.32.5	T.DCS.OD.RC.U.37.7	T.DCS.OD.RC.U.41.8	T.DCS.OD.RC.U.50.0	T.DCS.OD.RC.U.43.5	T.DCS.OD.RC.U.53.1	T.DCS.OD.RC.U.65.1	T.DCS.OD.RC.U.71.1	T.DCS.OD.RC.U.83.6	T.DCS.OD.RC.U.92.1	T.DCS.OD.RC.U.100.9	T.DCS.OD.RC.U.110.9	T.DCS.OD.RC.U.122.9
Unit Numbers		1	1	1	1	2	2	2	2	2	2	2	2	2

Notes:

1. Cooling capacity is based on 24°C /50% RH return air conditions, and 45°C condensing temperature.
2. The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
3. FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
4. The standard unit operates at outdoor temperatures of -15°C and above. For operation in temperatures of -35°C and above, please select the low-temperature kit

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*

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Datacenter Room Cooling Solutions-
DX Water Cooling

Technical Specifications

Part number	Upflow	T.DCS.ND.WC.U.32.5	T.DCS.ND.WC.U.37.7	T.DCS.ND.WC.U.41.8	T.DCS.ND.WC.U.50.0	T.DCS.ND.WC.U.43.5	T.DCS.ND.WC.U.53.1	T.DCS.ND.WC.U.65.1	T.DCS.ND.WC.U.71.1	T.DCS.ND.WC.U.83.6	T.DCS.ND.WC.U.92.1	T.DCS.ND.WC.U.100.9	T.DCS.ND.WC.U.110.9	T.DCS.ND.WC.U.122.9
	Downflow	T.DCS.ND.WC.D.32.5	T.DCS.ND.WC.D.37.7	T.DCS.ND.WC.D.41.8	T.DCS.ND.WC.D.50.0	T.DCS.ND.WC.D.43.5	T.DCS.ND.WC.D.53.1	T.DCS.ND.WC.D.65.1	T.DCS.ND.WC.D.71.1	T.DCS.ND.WC.D.83.6	T.DCS.ND.WC.D.92.1	T.DCS.ND.WC.D.100.9	T.DCS.ND.WC.D.110.9	T.DCS.ND.WC.D.122.9
Cooling capacity kW		32.5	37.7	41.8	50.0	43.5	53.1	65.1	71.1	83.6	92.1	100.9	110.9	122.9
Sensible capacity kW		29.3	34	38.1	45.0	39.2	47.8	58.8	64	75.3	83.6	91.1	97.1	105.2
SHR - %		90.2	90.2	91.1	90.0	90.1	90.2	90.3	90.0	90.1	90.8	90.2	87.6	85.6
Air volume - m³/h		8325	8620	10500	12400	10500	12400	16650	17240	21000	22600	24800	26200	27100
Fan type		EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC	EC
Heating capacity - kW		6	6	9	9	9	9	9	9	12	12	12	12	12
Heating type		PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Hum.capacity - kg/h		8	8	10	10	10	10	10	10	12	12	12	12	12
Humidifier type		Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter rating		G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4	G4
Weight - kg		433	438	468	528	478	568	688	718	788	866	888	910	980
Width - mm		1126	1126	1326	1326	1326	1326	1826	1826	2226	2226	2226	2426	2426
Depth - mm		990	990	990	990	990	990	990	990	990	990	990	990	990
Height - mm		1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975
Power input - 1		380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph
FLA - A - 1		35.5	36.3	46.0	49.6	48.2	53.8	66.4	67.2	83.0	86.6	90.2	93.8	97.2
Power input - 2		460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph
FLA - A - 2		29.3	30.0	38.0	41.0	39.8	44.5	54.9	55.5	68.6	71.5	74.5	77.4	80.3
Power input - 3		200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	200-230V /60Hz /3Ph	-	-
FLA - A - 3		64.9	66.4	84	90.6	88.1	98.3	121.3	122.8	151.7	158.2	164.8	-	-
Drain connection - mm		20	20	20	20	20	20	20	20	20	20	20	20	20
Hum water connection		3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Single/dual system		Single	Single	Single	Single	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Condenser water side														
Water flow - m³/h		7.24	7.96	9.1	10.91	4.88 x 2	5.41 x 2	7.24 x 2	7.96 x 2	9.1 x 2	9.53 x 2	10.91 x 2	11.96 x 2	13.36 x 2
Pressure drop - kPa		52.6	50.1	50.8	52.2	48.3	51.3	52.6	50.1	50.8	50.4	52.2	50.3	51.7
Water piping - mm		32	32	32	42	28	28	32	32	32	32	42	42	42

Notes:

1. Cooling capacity is based on 24℃ /50% RH return air conditions.
2. The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
3. Rated water temperature 30℃/35℃ in/out.

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Datacenter Room Cooling Solutions-
CW Type Cooling

Technical Specifications

Part number	Upflow Downflow	T.DCS.ND.WW.U.38.2 T.DCS.ND.WW.D.38.2	T.DCS.ND.WW.U.50.8 T.DCS.ND.WW.D.50.8	T.DCS.ND.WW.U.62.8 T.DCS.ND.WW.D.62.8	T.DCS.ND.WW.U.76.2 T.DCS.ND.WW.D.76.2	T.DCS.ND.WW.U.89.6 T.DCS.ND.WW.D.89.6	T.DCS.ND.WW.U.100.4 T.DCS.ND.WW.D.100.4	T.DCS.ND.WW.U.113.2 T.DCS.ND.WW.D.113.2	T.DCS.ND.WW.U.124.0 T.DCS.ND.WW.D.124.0	T.DCS.ND.WW.U.137.6 T.DCS.ND.WW.D.137.6
Total capacity (7C/12C water temperature) - kW		38.2	50.8	62.8	76.2	89.6	100.4	113.2	124.0	137.6
Total capacity (10C/15C water temperature) - kW		30.2	39	48	56.2	68.8	78	86.4	95.2	104.8
Total capacity (13C/18C water temperature) - kW		24	31.2	37.8	44	54.8	62.4	68	75,6	83.2
SHR - %		100	100	100	100	100	100	100	100	100
Air volume - m³/h		9230	9610	10230	11260	17100	20500	18700	21360	23300
Fan type		EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC
Heating capacity - kW		6	6	6	6	9	9	9	9	9
Heating type		PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Hum.capacity - kg/h		8	8	8	8	10	10	10	10	10
Humidifier type		Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter rating		G4	G4	G4	G4	G4	G4	G4	G4	G4
Weight - kg		303	312	333	352	492	502	512	522	539
Width - mm		925	925	925	925	1675	1675	1675	1675	1825
Depth - mm		990	990	990	990	990	990	990	990	990
Height - mm		1975	1975	1975	1975	1975	1975	1975	1975	1975
Power type - 1		380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P
FLA - A - 1		22.2	22.2	22.2	22.4	38.8	38.8	38.8	38.8	39.2
Power type - 2		460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P
FLA - A - 2		18.4	18.4	18.4	18.5	32.0	32.0	32.0	32.0	32.3
Power type - 3		200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P
FLA - A - 3		40.2	40.2	40.2	40.6	75.7	75.7	75.7	75.7	76.4
Water connection - mm		32	32	42	42	42	42	54	54	54
Drain connection - mm		20	20	20	20	20	20	20	20	20
Water in connection		3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Water flow - l/S		1.4	1.6	2.2	2.6	3.3	3.7	4.1	4.5	5.0
Water PD kPa		49.6	55.0	63.0	57.3	57.2	73.6	63.2	77.8	85.3

Notes:

1. Cooling capacity is based on 28℃ /50% RH return air conditions.
2. The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
3. Standard with 2 way valves and optional with 3 way valves.

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Datacenter Room Cooling Solutions-
CW Type Cooling

Technical Specifications

Part number	Upflow	T.DCS.ND.WW.U.147.2	T.DCS.ND.WW.U.159.6	T.DCS.ND.WW.U.177.2	T.DCS.ND.WW.U.184.2	T.DCS.ND.WW.U.199.8	T.DCS.ND.WW.U.208.2	T.DCS.ND.WW.U.221.4	T.DCS.ND.WW.U.233.4	T.DCS.ND.WW.U.265.8
	Downflow	T.DCS.ND.WW.D.147.2	T.DCS.ND.WW.D.159.6	T.DCS.ND.WW.D.177.2	T.DCS.ND.WW.D.184.2	T.DCS.ND.WW.D.199.8	T.DCS.ND.WW.D.208.2	T.DCS.ND.WW.D.221.4	T.DCS.ND.WW.D.233.4	T.DCS.ND.WW.D.265.8
Total capacity (7C/12C water temperature) - kW		147.2	159.6	177.2	184.2	199.8	208.2	221.4	233.4	265.8
Total capacity (10C/15C water temperature) - kW		113.5	121.2	134	141	151.8	159.6	171	177.6	201
Total capacity (13C/18C water temperature) - kW		99.2	95.2	104	111.6	120	126.6	135.6	139.2	156
SHR - %		100	100	100	100	100	100	100	100	100
Air volume - m³/h		25960	25030	26120	31680	33120	35460	39100	36010	38500
Fan type		EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC	EC/AC
Heating capacity - kW		9	9	9	12	12	12	12	12	12
Heating type - kg/h		PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Hum.capacity		10	10	10	10	10	10	10	10	10
Humidifier type		Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter rating		G4	G4	G4	G4	G4	G4	G4	G4	G4
Weight - kg		553	562	585	772	792	812	822	842	852
Width - mm		1825	1825	1825	2500	2725	2725	2725	2725	2725
Depth - mm		990	990	990	990	990	990	990	990	990
Height - mm		1975	1975	1975	1975	1975	1975	1975	1975	1975
Power type - 1		380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P	380-415V /50-60Hz/3P
FLA - A - 1		39.2	39.2	39.2	47.3	47.3	47.9	47.9	47.9	47.9
Power type - 2		460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P	460V/60Hz/3P
FLA - A - 2		32.3	32.3	32.3	39.1	39.1	39.6	39.6	39.6	39.6
Power type - 3		200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P	200-230V /60Hz/3P
FLA - A - 3		76.4	76.4	76.4	91.3	91.3	92.4	92.4	92.4	92.4
Water connection - mm		54	54	54	66.8	66.8	66.8	66.8	66.8	66.8
Drain connection - mm		20	20	20	20	20	20	20	20	20
Water in connection		3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Water flow - l/s		5.4	5.7	6.1	6.7	7.2	7.5	8.1	8.3	8.9
Water PD - kPa		99.9	77.8	80.1	74.1	76.5	84.1	97.8	71.5	74.1

Notes:

1. Cooling capacity is based on 28°C /50% RH return air conditions.
2. The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
3. Standard with 2 way valves and optional with 3 way valves.

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Air Cooled Condenser

Webb Air cooled condenser is a highly efficient heat exchange system designed for use in various industrial applications, refrigeration systems, and power plants. Engineered to dissipate heat from the refrigerant or process fluid, this condenser utilizes ambient air for cooling, eliminating the need for water-based cooling systems and enhancing overall energy efficiency.

- Consists of speed-adjustable EC fan
- Includes standard quick connector
- Equipped with enhanced heat transfer finned fan blades
- Seamless inverter-driven fan speed adjusting
- Internally threaded piping
- Consists of anti-corrosion coating
- Consists of a sturdy structure for piping headers
- IP55 waterproof electrical box

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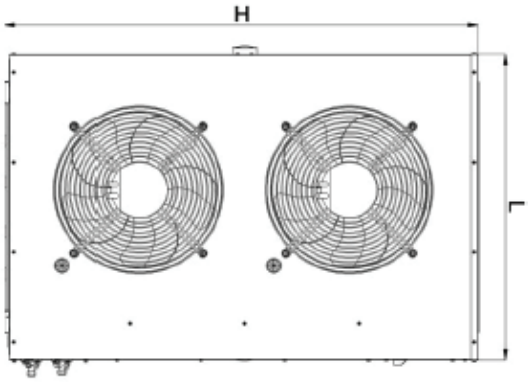
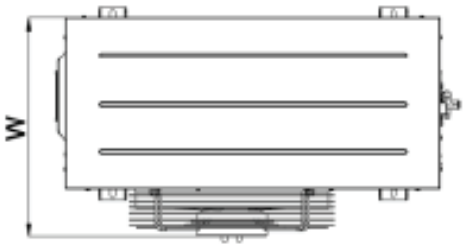
Technical Specifications

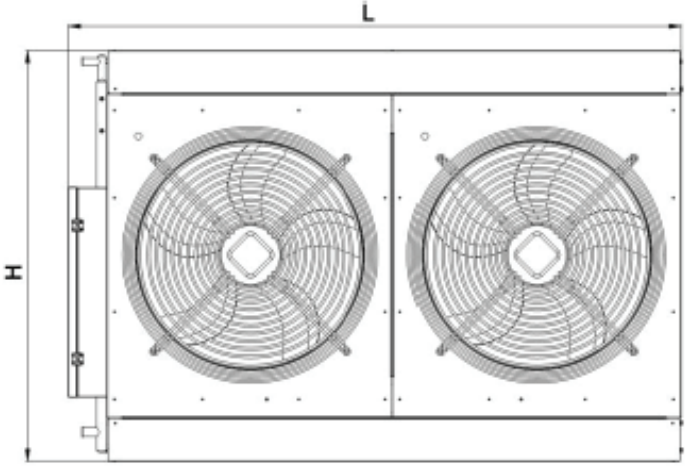
Part number	T.DCS.AC.08.S	T.DCS.AC.12.S	T.DCS.AC.18.S	T.DCS.AC.24.S	T.DCS.AC.32.S	T.DCS.AC.38.S	T.DCS.AC.42.S	T.DCS.AC.52.S	T.DCS.AC.62.S	T.DCS.AC.70.S	T.DCS.AC.76.S	T.DCS.AC.85.S	T.DCS.AC.62.S	T.DCS.AC.70.S	T.DCS.AC.76.D	T.DCS.AC.85.D
Single/dual system	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Dual	Dual	Dual	Dual
Weight - kg	28	40	67	105	110	120	130	140	150	150	220	230	160	160	220	230
Depth - mm	420	420	420	990	990	990	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273
Width - mm	800	800	800	1407	1407	1407	1607	1607	1907	1907	2407	2407	2107	2107	2407	2407
Height - mm	790	790	1240	689	689	695	695	695	689	689	695	695	689	689	695	695
Leg height	-	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450
Power input - 1	208-240V /50-60Hz /1Ph|2P	208-240V /50-60Hz /1Ph|2P	208-240V /50-60Hz /1Ph|2P	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph
FLA - A - 1	1.5	1.5	3.0	2.0	2.0	2.8	2.8	2.8	4.0	4.0	5.6	5.6	4.0	4.0	5.6	5.6
Power input - 2	-	-	-	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph	460V /50-60Hz /3Ph
FLA - A - 2	-	-	-	1.7	1.7	2.4	2.4	2.4	3.3	3.3	4.8	4.8	3,3	3.3	4.8	4.8
Piping connection - mm	10/12	10/12	12/16	16/22	16/22	16/22	16/22	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28

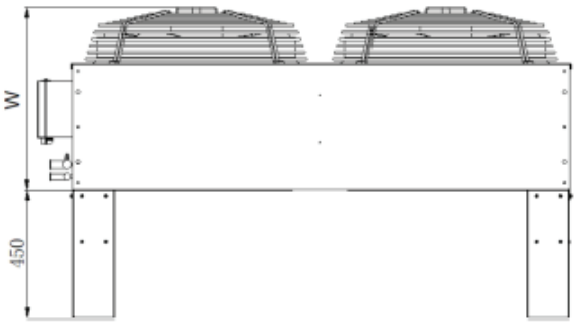
Notes:

1. T.DCS.AC.08.S - T.DCS.AC.18.S is vertical installation
2. T.DCS.AC.24.S and above is horizontal/vertical adaptive









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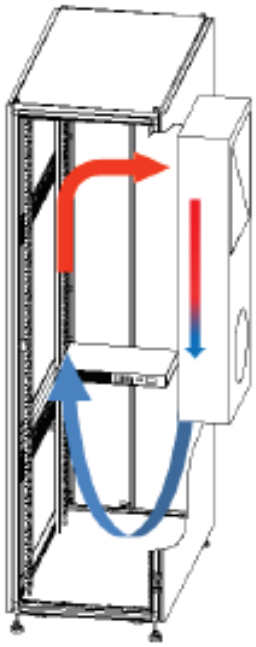
Modular Datacenter Cooling-
Wall Mount Package DX

Webb air-cooled, wall-mount unit is a space efficient cooling solution, featuring a built-in condenser to optimize thermal management for critical IT infrastructure.



- Cooling capacity range: 5.5kW to 21.2kW
- Highly reliable and efficient compressor
- Precision cooling controller: Constant monitoring and protection, with easy integration into the BMS for display, control, and system management
- Consists of high pressure/high airflow centrifugal blower suitable for critical equipment cooling conditions
- Wall mounting on the side of the rack cabinets for limited spatial conditions
- Consists of Eco-friendly R410A refrigerant

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Technical Specifications

Part number	T.DCS.OD.WM.1.5	T.DCS.OD.WM.2.0	T.DCS.OD.WM.5.5	T.DCS.OD.WM.7.5	T.DCS.OD.WM.12.5	T.DCS.OD.WM.17.5	T.DCS.OD.WM.21.2	T.DCS.OD.WM.25.1	T.DCS.OD.WM.31.5
Total cooling - kW	1.5	2.0	5.5	7.5	12.5	17.5	21.2	25.1	31.5
SHR - %	100	100	100	100	100	100	100	100	100
Air volume - m³/h	380	650	1850	2000	2400	3500	4000	5100	6300
Mount type	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall
Cooling type	DX	DX	DX	DX	DX	DX	DX	DX	DX
Height - mm	746	746	1920	1920	2100	2100	2100	2100	2100
Depth - mm	200	200	650	650	650	650	650	650	650
Width - mm	446	446	900	900	1000	1000	1000	1350	1350
Weight - kg	34	35	180	230	285	320	355	395	415
Power input - 1	208-240V /50Hz|60Hz /1Ph-2Ph	208-240V /50Hz|60Hz /1Ph-2Ph	208-240V /50Hz|60Hz /1Ph-2Ph	208-240V /50Hz|60Hz /1Ph-2Ph	-	-	-	-	-
FLA - A - 1	2.9	3.9	16.5	20.1	-	-	-	-	-
Power input - 2	-	-	-	-	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph	380-415V /50Hz|60Hz /3Ph
FLA - A - 2	-	-	-	-	15.0	18.4	20.8	26.0	30.9
Power input - 3	-	-	-	-	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA - A - 3	-	-	-	-	12.4	15.2	17.2	25.8	26.8

Notes:

1. Cooling capacity is based on 26°C /40% RH return air conditions, and 35°C outdoor air.
2. The frequency 50Hz or 60Hz is configurable upon order.
3. The refrigerant R134a is used for the ambient temperature up to 55C maximum.

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