

[Close-coupled, chilled water cooling for small to large data centers]

InRow Chilled Water

Up to 70 kW



Standard Features

Water Side Economization

- Allows maximum capacity at elevated water temperatures

Dual Power Inputs

- Offers redundancy and protection

Top / Bottom piping and power connection

- Flexibility of installation
- Field configurable

Variable speed fans

- Reduce energy consumption during off-peak hours

Intelligent control

- Network manageability, real time capacity monitoring, predictive failure notification, and rack inlet temp control.



Air Filter

- Removes airborne particles and protects cooling coil

Casters and Leveling Feet

- Easily adjustable leveling from top down

Integrated baying brackets

- 24in or 600mm spacing options
- Bays with other APC rack and power products

Field Configurable 2-way or 3-way chilled water flow operation

Remote temperature probe to control rack inlet temperature

Factory installed condensate pump (301S / 600mm (24in) only)

Condensate Management System

- Ensures coil temperature remains above dewpoint (optional 301H)

TECHNICAL DATA			
MODEL	300mm (12in) Wide		600mm (24in) Wide
Capacity	Up to 40kW	Up to 60kW	Up to 70kW
Input Voltage	ACRC301S: 100V-240V, 1ph, 50/60 Hz ACRC301H: 208V- 230V, 1ph, 50/60 Hz		200-240V, 3ph, 50/60Hz 380-415V, 3ph, 50/60Hz 460-480V, 3ph, 50/60Hz
Fans	Variable Speed EC Propeller Fans (Hot Swappable)		Variable Speed EC Plug Fans
Condensate Management	Dual-Float Condensate Pump	Optional	Dual-Float Condensate Pump
Options	Cable Water Detector		Electric Reheat Humidification Cable Water Detector
Controls	4.3" Touchscreen display with Active Response Controls		Four-Line Alpha numeric display with Active Response Controls
Communications	Network Protocols: SNMP, Telnet, HTTP, HTTPS, Modbus TCP/IP, FTP Serial Protocols: RS-232 Console, RS-485 Modbus RTU Remote Monitoring		
DIMENSIONS			
Height	1991 mm (78.4 in)		1991 mm (78.4 in)
Length	300 mm (11.8 in)		600 mm (23.6 in)
Depth	1095 mm (43.1 in)		1070 mm (42.1 in)

Options/Accessories



Flexible Piping



High Efficiency Filtration



Height Adapters



Aquafair Chillers



Rack Air Containment



Aisle Containment

[Close-coupled, pumped refrigerant cooling for small to large data centers]

InRow Pumped Refrigerant

Up to 31 kW



Standard Features

Top/Bottom piping and power connection (InRow RA)

- Flexibility of installation
- Field Configurable

Casters and Leveling Feet

- Easily adjustable leveling from top down

Integrated baying brackets (InRow RA)

- 24in or 600mm spacing options
- Bays with other APC rack and power products

Temperature Control

- Remote temperature probe to control rack inlet temperature

Dual Power Inputs

- Offers redundancy and protection

Variable speed fans

- Reduce energy consumption during off-peak hours

Intelligent control

- Network manageability, real time capacity monitoring, predictive failure notification and rack inlet temp control

Rack or ceiling mounted (InRow OA)

- Integrated containment over Hot Aisle

Mitigates Risk of Fluid Leaks

- Non-toxic refrigerant
- No water in data center

LED Aisle Lighting (InRow OA)

- Integrated lighting with motion detection

TECHNICAL DATA		
MODEL	300mm (12in) wide	600mm (24in) overhead
Capacity	Up to 31kW	Up to 27 kW
Input Voltage	100-120V, 1ph, 50/60 Hz 200-240V, 1ph, 50/60 Hz	
Fans	Variable Speed AC Axial Fans	
Condensate Management	Controlled relative to dew point	
Options	Cable water detector	Ceiling/Rack Mounting Kit
Controls	3-digit 7-segment numeric display with Active Response Control	
Communications	Network Protocols: SNMP, Telnet, HTTP, HTTPS, Modbus TCP/IP, FTP Serial Protocols: RS-232 Console, RS-485 Modbus RTU Remote Monitoring	
DIMENSIONS		
Height	1991 mm (78.4 in)	350 mm (13.9 in)
Length	300 mm (11.8 in)	600 mm (23.6 in)
Depth	1070 mm (42.1 in)	1415 mm (55.7 in)

Options/Accessories



Flexible Piping



Distribution Piping



Height Adapters



Data and Power Troughs



Rack Air Containment



Aisle Containment

[Close-coupled, pumped refrigerant cooling for small to large data centers]

InRow Direct Expansion

Up to 37 kW



Standard Features

Variable Capacity Control

- Allows for low load handling capabilities

Top / Bottom piping and power connection

- Flexibility of installation
- Field configurable

Variable speed fans

- Reduce energy consumption during off-peak hours

Intelligent control

- Network manageability, real time capacity monitoring, predictive failure notification, and rack inlet temp control.



Air Filter

- Removes airborne particles and protects cooling coil

Casters and Leveling Feet

- Easily adjustable leveling from top down

Integrated baying brackets

- 24 in or 600 mm spacing options
- Bays with other APC rack and power products

Lead/lag functionality

Remote temperature probe to control rack inlet temperature

Factory installed condensate pump

TECHNICAL DATA		
MODEL	300mm (12in) wide	600mm (24in) wide
Capacity	Up to 10kW	Up to 37 kW
Input Voltage	208-230V, 1ph, 60 Hz 220-240V, 1ph, 50 Hz	200-240V, 3ph, 50/60 Hz 380-415V, 3ph, 50/60 Hz 460-480V, 3ph, 60 Hz
Heat Rejection Options	Fluid-Cooled Air-Cooled Self-Contained	Air-Cooled
Fans	Variable Speed DC Axial Fans	Variable Speed EC Plug Fans
Condensate Management	Dual-float condensate pump	
Options	Cable Water Detector	Electric Reheat Humidification Cable Water Detector
Controls	Four-Line Alpha numeric display with Active Response Control	
Communications	Network Protocols: SNMP, Telnet, HTTP, HTTPS, Modbus TCP/IP, FTP Serial Protocols: RS-232 Console, RS-485 Modbus RTU Remote Monitoring	
DIMENSIONS		
Height	1991 mm (78.4 in)	1991 mm (78.4 in)
Length	300 mm (11.8 in)	600 mm (23.6 in)
Depth	1070 mm (42.1 in)	1070 mm (42.1 in)

Options/Accessories



Heat Rejection



High Efficiency Filtration



Height Adapters



Data and Power Troughs



Rack Air Containment



Aisle Containment