

Powerful access for more savings

STULZ has worked towards lowering expenses by reducing operating costs, life cycle costs and power consumption. And now, the same German efficiency will be available in India at an unbeatable price advantage!

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Technical data subject to changes without notice

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STULZ INNOVATION 2014

**SMART
SERIES**



STULZ the natural choice

Stulz Smart Series - Space Saver

First time in India

Close control airconditioning solutions by Stulz, do not utilise expensive floor space in server rooms

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Stulz ceiling suspended / wall mounted precision air conditioning solutions

First time in India
Close control airconditioning solutions by Stulz, do not utilise expensive floor space in server rooms

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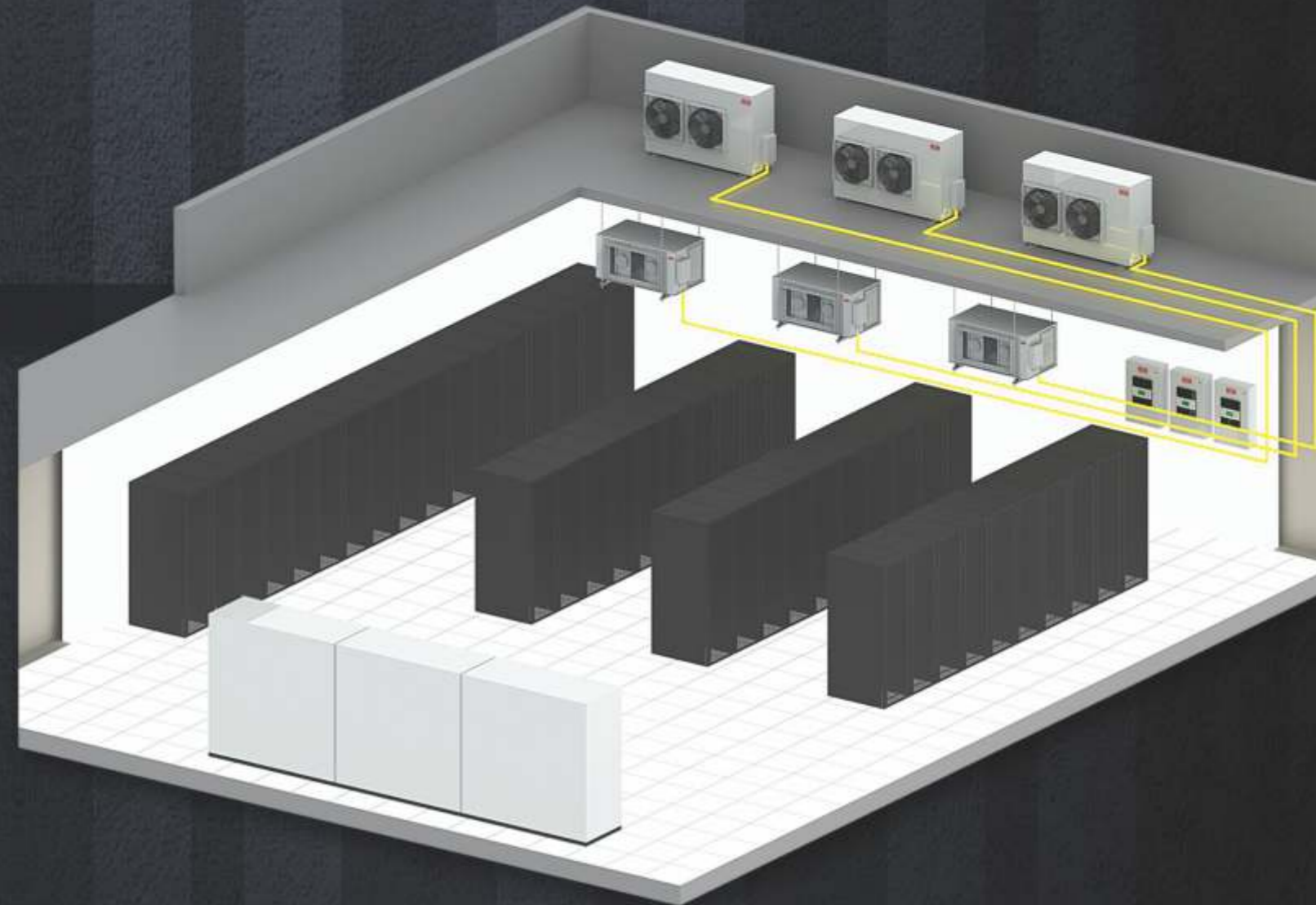
Microprocessor Panel



Indoor Unit



Outdoor Condensing Unit



Advantages

- Space saver, saves valuable floor space
- Makes space for additional racks in server room
- Retrofits in existing site for additional cooling capacity
- Eliminates hotspots & air distribution issues
- Provides flexibility for mounting of outdoor units

Features

- EC fan motor / High Cfm sensible cooling / High static suitable for ducting / BMS compatible
- Optional Features - Electric strip heater / Humidifier / Condensate drain pump

Options

- Oil separator / Fan speed controller / R407c / R410a / R134a / Corrosion resistant coating / Extended piping kit

Indoor Unit : CW/DX - Aircooled/Watercooled

MODE	161-C	221-C	301-C	361-C
Dx Cooling Capacity - kw (total)	15.8	22.7	29.7	35.6
Dx Cooling Capacity - kw (sensible)	15.8	22.3	27.1	35.0
CW Cooling Capacity - kw (total)	15.1	21.3	26.8	36.8
CW Cooling Capacity - kw (sensible)	15.1	21.0	25.5	35.1
Airflow-CMH @2.5mm ESP	3600	6500	7500	10500
No. of Fans	1	2	2	1
Type of Fan	EC-Radical	EC-Radical	EC-Radical	EC-Radical
No. of Motors	1	2	2	1
Fan Power (KW)	0.6	0.9	1.8	2.0
Type of Drive	Direct	Direct	Direct	Direct
Reheat (kW) [Option]	6	6	6	6
Dimensions (mm)				
Height	650	650	650	800
Width	900	1250	1250	1250
Depth	800	800	800	900
Weight (Kgs.)	70	105	120	135

Gross capacity based on 45 deg c midpoint condensing temperature at 25Pa-ESP at sea level
Capacities are for 24deg c return air temperature and 50% RH and for chilled water inlet temperature of 7 deg c inlet and 12 deg c outlet
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Air Cooled Condensing Units

MODE	HR 20 M	HR 25 M	HR 40 M	HR 46 M	HR 56 M	HR 70 M
Capacity -KW (HEAT REJECTION)**	20	25	40	46	56	70
Fan Dia -mm	500	500	500	500	500	500
Type of Fan	Axial	Axial	Axial	Axial	Axial	Axial
No. of Fans	1	1	2	2	3	3
Compressor Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Power (KW)	4.2	5.7	8.4	9.6	12.1	12.8
Unit Dimension (mm)						
Height - B	950	950	1150	1150	1150	1150
Width - A	1290	1290	1790	1790	2390	2390
Depth - C	600	600	600	600	600	600
Net Weight (Kgs.)	70	90	105	115	150	180

** Ambient 38DegC
Selection Range upto Max Ambient 45DegC available
Oil Separator available as option