



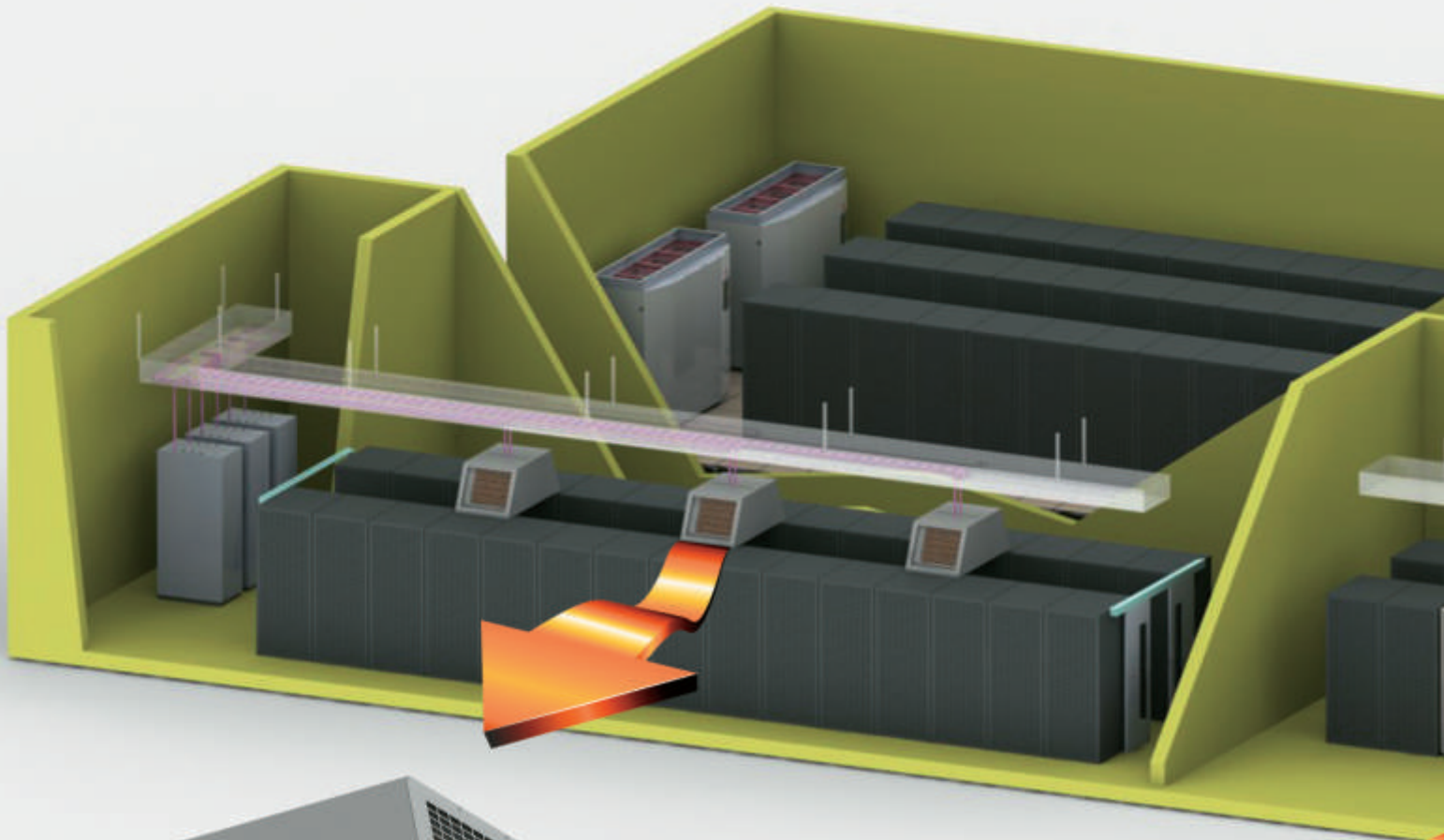
High Density Cooling Solutions

STULZ the natural choice

HD Series
Powered by Stulz



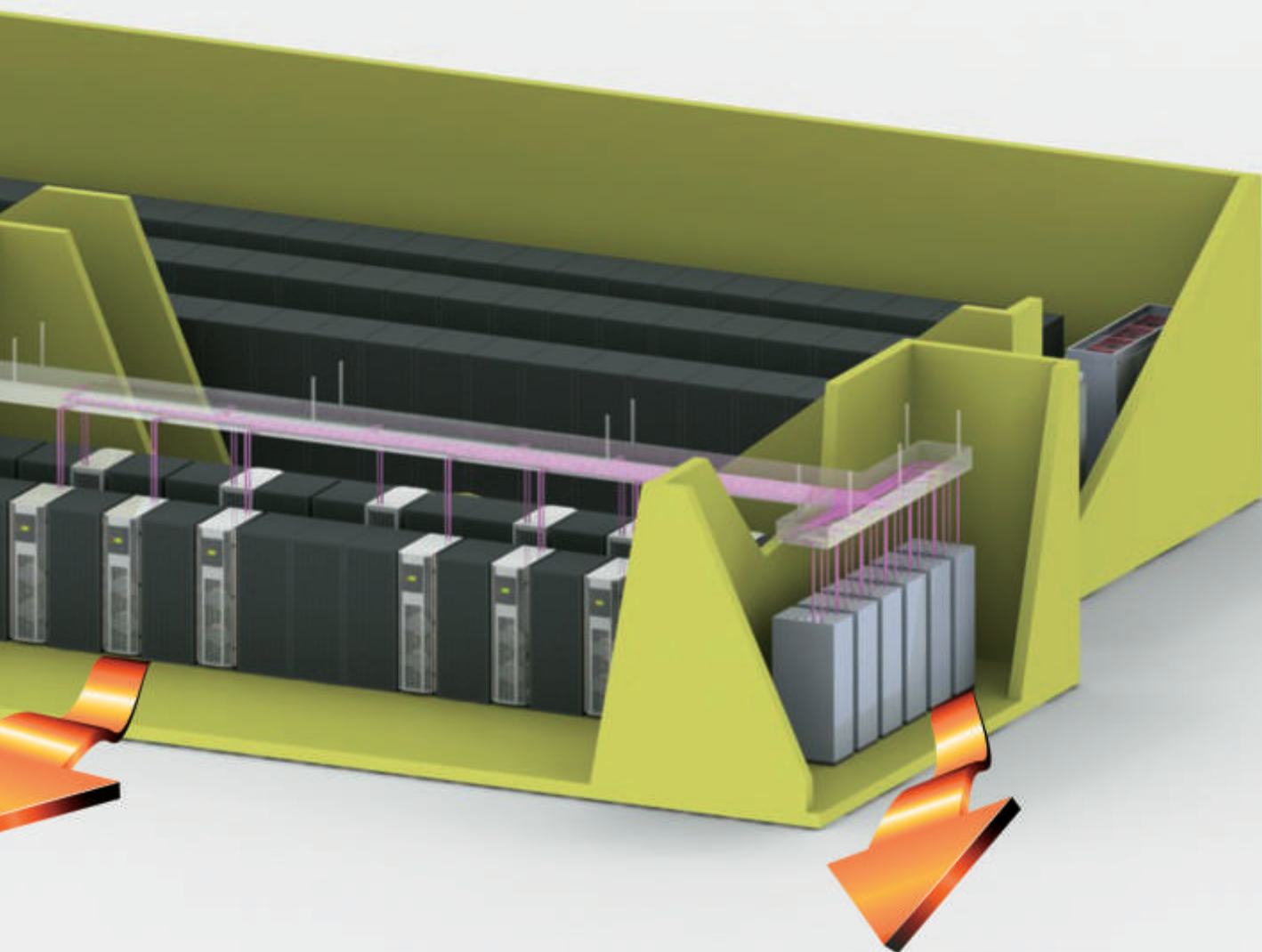
HD Series cooling solutions



Ceiling Suspended
Evaporator/Chilled Water Unit



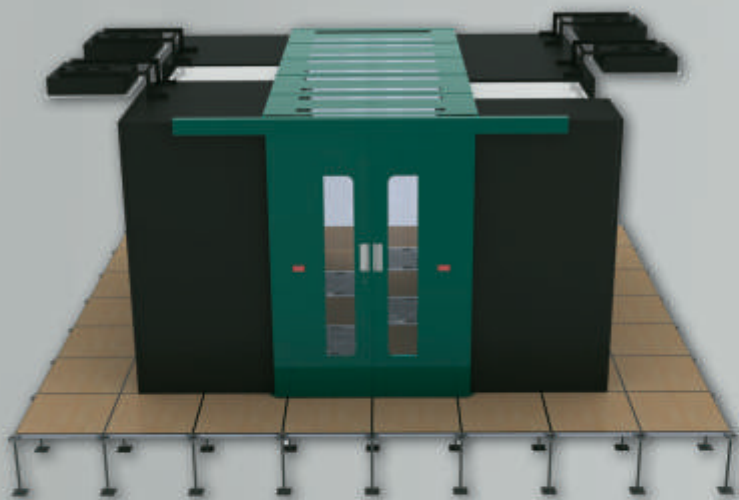
Floor Mounted
Evaporator/Chilled Water Unit



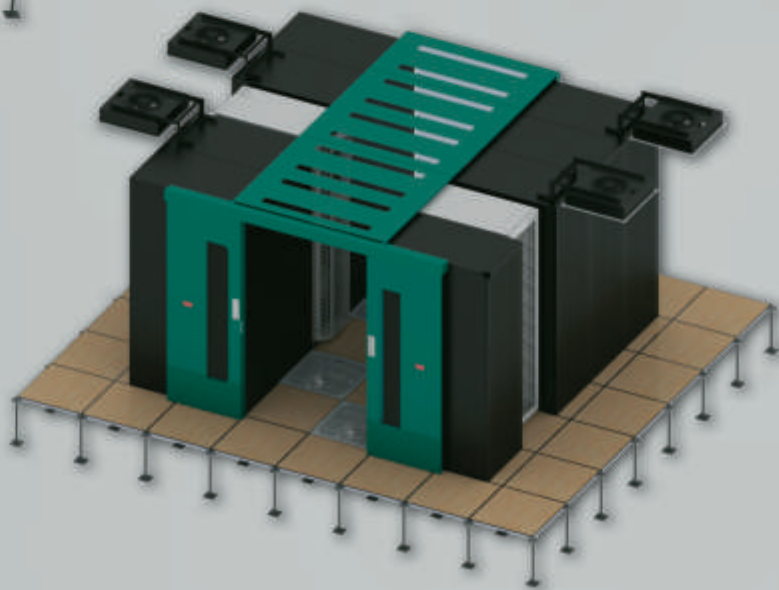
Floor Mounted
Compressor Unit



Containment for High Density Data Centres



- Stulz unique sliding door design ensures maximum floor space efficiency
- Stulz air booster in supply air & return air used together with containment enables efficient cooling for rack loads upto10 KVA.
- Containment can be designed as per site requirements



Floor Mounted – Compressor Unit



Technical Data

Model	FMCU-14	FMCU-30	FMCU-28	FMCU-60
Cooling Capacity (KW)	14	30	28	60
Compressor Type	SCROLL SKID MOUNTED			
No. of Compressor	1		2	
Refrigerant	R-407C /R-22 /R-134A /R-410A			
Liquid Receiver	Included			
Solenoid Valve	Included			
Isolation Ball Valve	Included			
Vibration Absorber	Included			
Incoming Power Supply	415V + NEUTRAL + EARTH / 50Hz			
Absorbed Power (KW)	3.8	6.2	7.6	12.4
Material of Construction	Galvanised Steel			
External Finish	Powder coated textured matt finish			
Dimensions (HxWxD) mm	1980 x 600 x 500		1980 X 600 X 900	
Gross Weight	300kg		340kg	

Ceiling Suspended Evaporator/Chilled Water Unit



Technical Data

Model	SEC(O) 251A	SEC(O)200CW
Cooling Capacity	20kw@ 10°CΔT	
Unit Type	Aircooled Direct Expansion	Chilled Water
Air Discharge Direction	Top To Bottom With Side Return	
Refrigerant	R-407C /R-22 /R-134A /R-410A	
Air Flow	3000cfm	3000cfm
Type of fans	AXIAL	
Evaporator/CW Coil	Copper pipes and aluminum fins mechanically bonded	
Nominal Input Power	230V + Neutral + Earth / 50Hz	
Absorbed Input Power	700Watts	
Material of construction	Galvanised Steel	
Top Connection Cover	Optional	
External Finish	Powder coated textured matt finish	
Air Filter	Washable with metal frame	
Filtration Grade	90% down to 10μ	
Dimensions (HxWxD) mm	600 x 1500 x 760	

Floor Mounted Evaporator/Chilled Water Unit

Technical Data

Model	SEC(H) 121A	SEC(H) 251A	SEC(H)120CW	SEC(H)250CW
Cooling Capacity	12kw@ 10°CΔT	25kw@ 10°CΔT	12kw@ 10°CΔT	25kw@ 10°CΔT
Unit Type	Aircooled Direct Expansion		Chilled Water	
Air Discharge Direction	Horizontal Throw (Hot To Cold)			
Refrigerant	R-407C /R-22 /R-134A / R-410A			
Air Flow	2400cfm	3600cfm	2400cfm	3600cfm
No of Fans	2	3	2	3
Type of fans	EC Radial impeller propotional control			
Evaporator	Copper pipes and aluminum fins mechanically bonded			
Nominal Input Power	230V + Neutral + Earth / 50Hz			
Absorbed Input Power	500Watts	710Watts	500Watts	710Watts
Material of construction	Galvanised Steel			
Top Connection Cover	Optional			
External Finish	Powder coated textured matt finish			
Air Filter	Washable with metal frame			
Filtration Grade	90% down to 10μ			
Dimensions (HxWxD) mm	1980 x 510 x 900			
Gross weight	180kg	200kg	120kg	150kg

Air entering temperature @ 32°C (Hot aisle)

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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