



VERTIV™

Liebert® Intellesplit

Energy Efficient Wall Mounted
Cooling Solution For Critical
Small Server/Equipment Room



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For Critical Small Server/Equipment Room



Liebert Intellesplit precision cooling machine is developed for critical applications in data center and small server rooms. It is a wall mounted unit equipped with energy efficient scroll compressor. The Liebert Intellesplit is available in the range of 2TR and 3TR.

The Liebert Intellesplit is result of extensive research and development, conducted with leading environmental control experts, consultants and major corporation.

FEATURES

- Suitable For Removing Sensible Load generated by equipment
- Designed For 24 x 7 Operation.
- Easy in operation and low in maintenance.

APPLICATION

- Datacenter Rooms
- Critical Server Rooms
- Telecommunication Facilities
- Medical equipment Installations
- Motor Control Rooms
- Broadcast Facilities
- Surveillance & Monitoring Centers
- UPS Rooms



Liebert Intellesplit vs. Comfort Cooling

PARAMETERS	LIEBERT INTELLESPLIT	OTHER ACs	BENEFITS
Air Quantity (CFM / Tr)	600	300 - 400	- Faster removal of heat - Requires 33% tonnage
Sensible Heat Ratio	0.95	0.65	- Requires 33% tonnage
Duty Cycle	Designed for 24x7x365 days operation	Designed for 8 hours per day	- Standby unit not reqd. - Reduces capital expenses upto 60%
Running Cost	1.05 kW/Tr	1.4 - 2 kW/Tr	- Minimum running cost of Rs. 15,330/- per year
Floor Area	Available	Not Available	- No need of false ceiling and ducting
Average Life	Min 8 Yrs for 24x7	Max 5 Yrs for 24x7	- Durability

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Technical Data

Liebert Intellesplit

Unit Capacity	TR	2	3
Sensible Capacity	TR	1.9	2.8
Design Conditions			
Room Conditions	Deg C	24°C	24°C
Standard Operating Ambient	Deg C	35°C	35°C
Refrigerant		R407C	R407C



High Sensible Cooling Machine

Compressor Section

Type	-	Complaint Scroll	Complaint Scroll
No. of Compressors	nos.	1	1
Operating Voltage	V/Ph/Hz	415/3/50	415/3/50

Evaporator Fan Section

No. of Fans	nos.	2 Nos./1No.	2 Nos./1No.
Nominal Air Flow	CFM	1000	1600

Condenser Section

Type	-	Air Cooled	Air Cooled
Material of Tube	-	Copper	Copper
Operating Voltage	V/Ph/Hz	415+/-10/3/50	415+/-10/3/50

Dimensional Details

Indoor Unit

Width	mm	964	964
Height	mm	810	810
Depth	mm	457	457

Outdoor Unit

Width	mm	964	964
Height	mm	700	700
Depth	mm	457	457



Scroll Compressor



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