



CAF
SERIES

CAF



ASSIST FLOW

The CITEC Assist Flow (CAF) is designed to improve airflow in data centers. As the heat density of server racks in modern data centers continue to grow, the application of standard Precision Air Conditioning units alone have become insufficient to cater to this need.

When used in conjunction with standard Precision Air Conditioning equipment, CAF offers a revolutionary solution for high density heat load in data centers. CAF adjusts the airflow according to the required heat load while simultaneously providing energy savings whenever lower airflow is required during periods of low heat load.



CAF PRODUCT SPECIFICATIONS

- Fits into the floor void of a standard 600mm x 600mm floor grid
- CAF comprises of eight models, two types of fan
- Nominal airflow range from 850m³/hr to 3,400m³/hr

CAF OPERATION

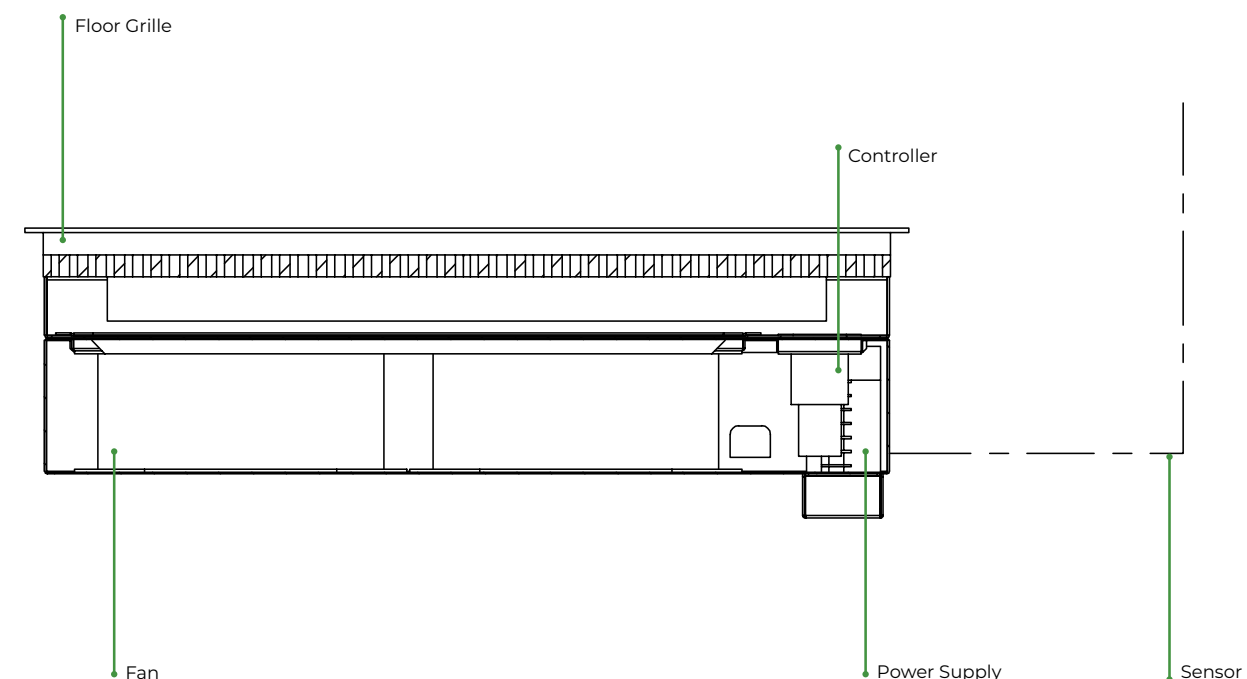
CAF shall be placed in front of server rack. Cold air supplied from Precision Air Conditioning unit can be channeled to the heat load source through CAF. Airflow is automatically adjusted by a

microprocessor controller to ensure there is just enough cold air supplied to server racks. This is done by having a temperature sensor placed at the upper level of the entrance of server rack.

CITEC-CAF

TECHNICAL SPECIFICATIONS

MODEL	CAF1A	CAF2A	CAF3A	CAF4A	CAF1E	CAF2E	CAF3E	CAF4E
Maximum Air Flow (m ³ /h)	735	1470	2205	2940	850	1700	2550	3400
Rate Current	0.7A	1.3A	2.0A	2.6A	0.6A	1.0A	1.5A	2.0A
Maximum Power Consumption	127W	208W	312W	416W	110W	180W	270W	360W
No. of Fan(s)	1	2	3	4	1	2	3	4
Fan Type	AC Axial Fan	AC Axial Fan	AC Axial Fan	AC Axial Fan	EC Axial Fan	EC Axial Fan	EC Axial Fan	EC Axial Fan
Dimensions (mm)	569(W) x 573(D) x 133(H)				569(W) x 573(D) x 163(H)			



Due to our policy of continuous development and improvement, the specifications and data herein are subjected to change without notice. We must therefore reserve the right to supply equipment that may differ from that described and illustrated herein. All information, including illustrations, contained in this brochure, is believed to be accurate and reliable. Users, however, should independently evaluate the suitability of each product for their own application. CITEC makes no warranties as to accuracy or completeness of the information, and disclaims any liability regarding its use.



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