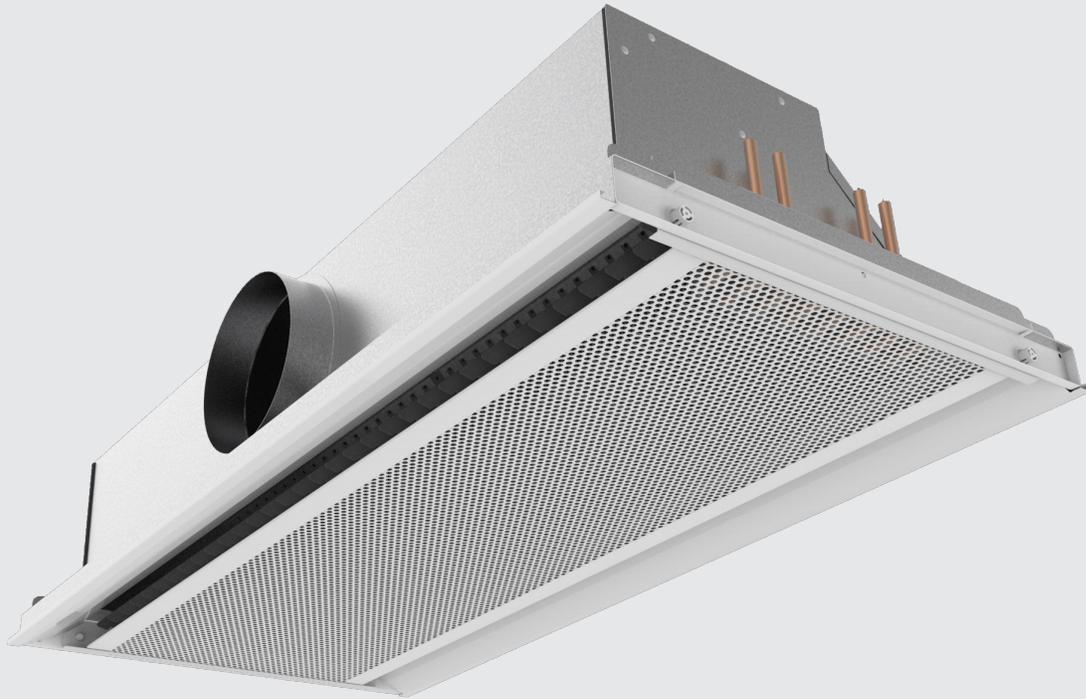


Overview

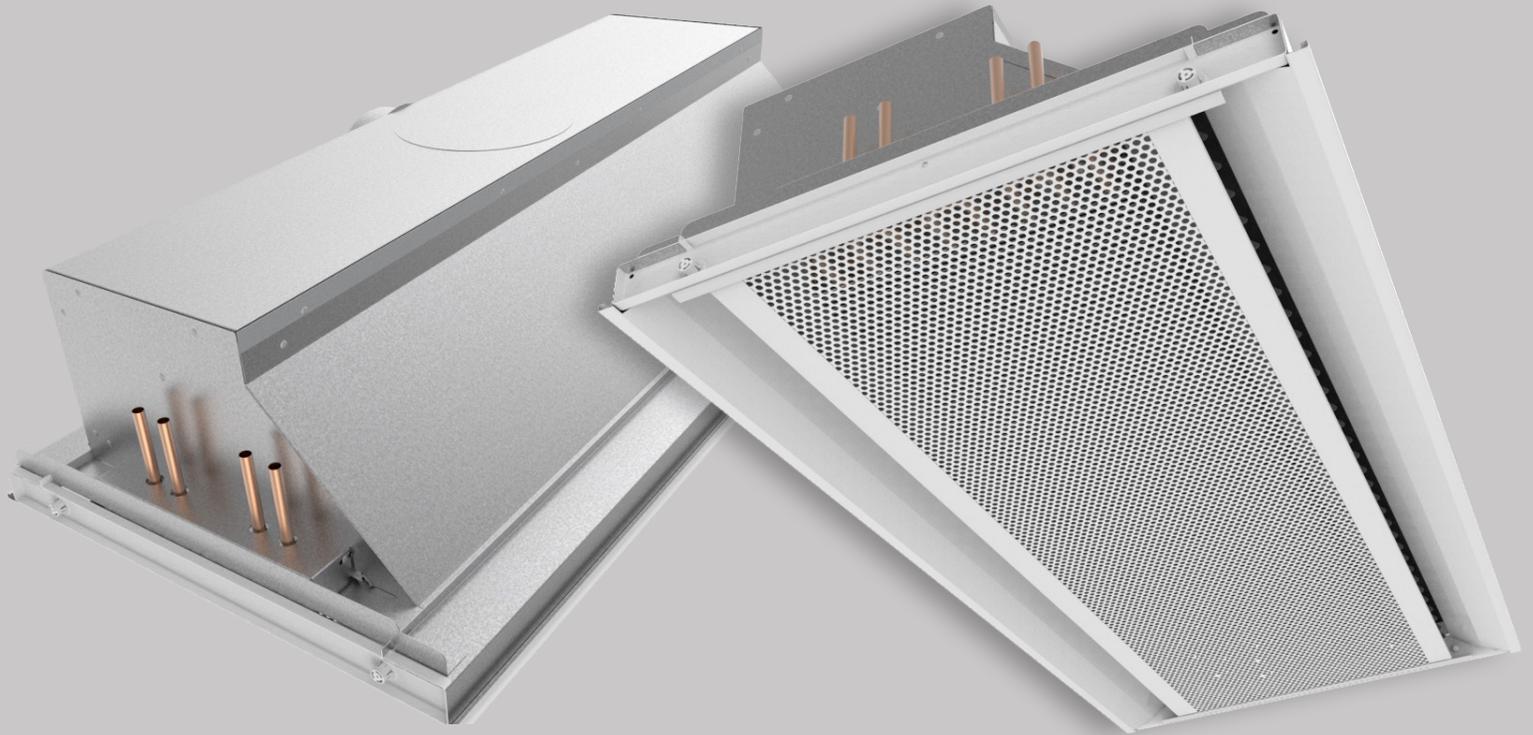
Pacific Hi Cap Chilled Beam



Active Chilled Beam with
Two-Way Air Distribution



Swegon



Pacific Hi Cap Climate Beam

OPERATION

The Pacific Hi Cap is an active chilled beam with two-way air distribution. This unit does not contain a fan of its own but is driven by the pressure and flow by a centrally located air handling unit, which means low sound level and excellent comfort in the room.

The Pacific is designed for dry systems, i.e. without condensation and therefore does not require any condensate drainage system or filter. The minimum number of moving parts and lack of filter guarantees very little need for maintenance.

FLEXIBILITY

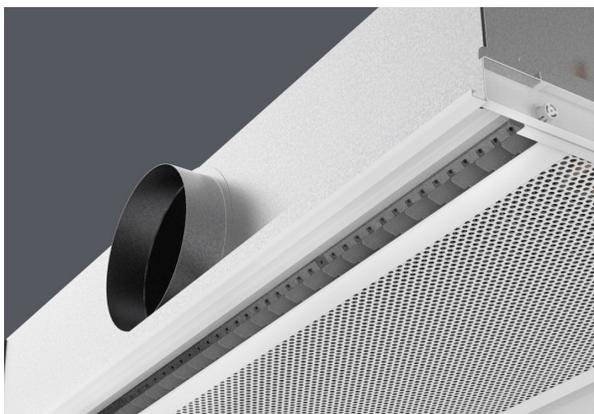
The modular design and special product features allow the Pacific Hi Cap beam to meet the needs of your project. The beams come in 2, 4, 6, 8, and 10 foot lengths and can set end to end for the linear look. The design modules (face plates) can be different lengths than the capacity modules (coils and nozzles) so the beam can have a linear look but only provide heating and cooling where necessary. The beams can be installed in a suspended ceiling, drywall ceiling or pedant style for open ceiling.

The primary air connection is in the center of the beam and can be field converted from side to top connection for ease of installation and to reduce duct fittings. The coils can be 2 pipe or 4 pipe to meet your heating and cooling needs. The face panel can swing down from either side to allow access to the coil for cleaning. Additional faceplates can be supplied to allow



Linear look with Coanda winds for open ceiling application

access doors to controls, valves and other components in the ceiling space. Additional faceplates can also be used as return air grilles offering a single look in the occupied space. This can be very advantageous when the ceiling is drywall.



Adjustable Nozzles and Optional ADC

In some applications such as labs, conference rooms and lecture halls, additional primary air may be required to maintain good indoor air quality. To avoid over cooling the space the supply air option can be used in conjunction with an extended faceplate to deliver additional ventilation air to the space through the climate beam diffuser. This maintains a consistent look in the space. When ducted return is required, the face plated can be extended and the return air portion of the face plate used as a return air grille to maintain a consistent look in the space.

ADAPTABILITY

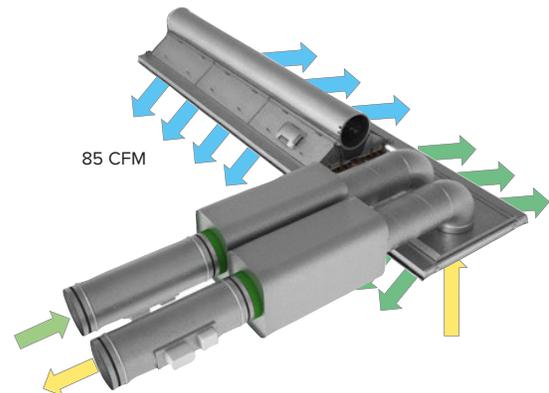
The Pacific Hi Cap Climate beam delivers increased capacity for demanding applications. Spaces such as labs, lecture halls and conference rooms can require large amounts of primary air. To meet the requirement the Pacific Hi Cap climate beam has been designed with increased plenum size, primary air connection and nozzles to allow large amounts of air to pass through the beam.



Lab Applications

Other applications require increased cooling capacity per linear foot of beam such as computer labs, spaces with high internal heat gains etc. To meet this requirement the Pacific Hi Cap Climate Beam has been designed with a new generation of nozzle design that can induce large amounts of room air to pass through the coil to be cooled.

Over the life of the climate beam the space may be re-purposed

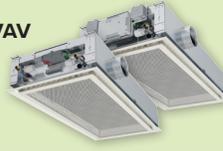


85 or 170 CFM

Supply Air and Exhaust Air Options

several times requiring the capacity and airflow pattern to be adjusted to meet the new need. The Pacific Hi Cap climate beam includes field adjustable nozzles for capacity control and optional Anti Draft Control (ADC) to adjust the airflow pattern for optimum thermal comfort.

SWEGON NORTH AMERICA CHILLED BEAM PRODUCT LINE

MODEL	TYPE	AIRFLOW	INTEGRAL VAV	ADJUSTABLE NOZZLES	ADJUSTABLE AIR PATTERN
FRB 	Passive	1-Way	No	Yes	Yes
ADRIATIC 	Active	1-Way	No	Yes	Yes
PRIMO 	Active	1-Way	No	Yes	Yes
PARAGON 	Active	1-Way	No	Yes	Yes
PACIFIC 	Active	2-Way	No	Yes	Yes
PACIFIC HI CAP 	Active	2-Way	No	Yes	Yes
PARASOL 	Active	4-Way	No	Yes	Yes
PARASOL VAV 	Active	4-Way	Yes	Yes	Yes
PARASOL ZENITH 	Active	4-Way	No	Yes	Yes

For more information the Pacific Hi Cap climate beam and other Swegon products, please contact us at swegonnorthamerica.com or contact your RSM.