

Active Chilled Beams (ACB)

Certification Program

AHRI is the world's most trusted source of performance certified heating, cooling, ventilation and commercial refrigeration equipment and components. Only products that have passed AHRI's rigorous third-party testing can display the AHRI Certified mark. Find certified products at www.ahridirectory.org.



Related Standard

Products in the Active Chilled Beams certification program are tested to AHRI Standard 1240(I-P)/1241 (SI), *Performance Rating of Active Chilled Beams*.

Program Scope

The certification program includes: air induction and diffusion devices which introduce conditioned air for the purposes of temperature and/or humidity control. Primary air is delivered through a series of nozzles, which induces and conditions Secondary air through a unit mounted coil.

Certified Ratings

- Water flow rate, L/s [gpm], adjusted to achieve mean water temperature differential of 8.0°C [14.4 °F] relative to reference air temperature
- Water pressure drop, kPa [inches w.c.];
- Water coil capacity, W, [Btu/h];
- Primary air flow rate, L/s [cfm];
- Sound generation (combined radiated and discharge sound) by octave bands 2 to 7; and
- Induced air flow rate, L/s [cfm], calculated in accordance with ASHRAE 200.

Visit www.ahridirectory.org

Contact
certification@ahrinet.org
for more information.

In the Asia Pacific region, please contact
Bridge Xue at bxue@ahrinet.org or 138 1043 2200.



The **AHRI Certification Program** is a voluntary program, administered and governed by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI), which ensures that various types of heating, ventilation, air conditioning, refrigeration, and water heating products perform according to manufacturers' published claims. Products that are certified through the AHRI Product Performance Certification Program are continuously tested, at the direction of AHRI, by an independent third-party laboratory, contracted by AHRI, to determine the product's ability to conform to one or more product rating standards or specifications.