

M20-12

307.2

Proponent: Patrick A. McLaughlin, McLaughlin & Associates, representing Air-Conditioning, Heating & Refrigeration Institute
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Revise as follows:

307.2 Evaporators and cooling coils. Condensate drain systems shall be provided for *equipment* and appliances containing evaporators or cooling coils. Condensate drain systems shall be designed, constructed and installed in accordance with Sections 307.2.1 through 307.2.4.

Exception: Evaporators and cooling coils that are designed to operate in sensible cooling only and not support condensation shall not be required to meet the requirements of this section.

Reason: The introduction of chilled beam technology is relatively new in the North American market. The code does not take into consideration the fact that dry coils are utilized in most all chilled beam designs; it is an integral part of the design. The chilled beam products have been successfully operating in applications all over the world in this dry manner for over 25 years. Additionally, it is more hygienic and provides greater energy efficiency to design these systems with dry coils. Finally condensation prevention strategies are already employed as part of the design of chilled beam systems.

Cost Impact: The code change proposal will not increase the cost of construction.

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Public Hearing:	Committee:	AS	AM	D
	Assembly:	ASF	AMF	DF

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