

Closed Circuit Cooling Tower

Product Lines

Overview

Principle of Operation	FXV	
	Single Air Inlet Models	Dual Air Inlet Models
Configuration	Combined Flow	Combined Flow
Fan System	Axial Fan, Induced Draft	Axial Fan, Induced Draft
Capacity Range (Single Cell)	26 - 299 Nominal Tons 78.7 - 896 GPM at 95°F/85°F/78°F	344 - 624 Nominal Tons 1,031 - 1,872 GPM at 95°F/85°F/78°F
Maximum Entering Water Temperature	180°F (82.2°C)	180°F (82.2°C)
Typical Applications	<p>Small to medium HVAC & industrial applications such as water source heat pump loops and air compressor cooling.</p> <p>Tight enclosures & installations requiring a single air inlet</p> <p>Unit replacements</p>	<p>Medium to large HVAC & industrial applications such as electric arc furnaces and pharmaceutical plants.</p>



Series V		HXV
VF1	VFL (low profile)	
Counterflow	Counterflow	Combined Flow
Centrifugal Fan, Forced Draft	Centrifugal Fan, Forced Draft	Axial Fan, Induced Draft
4.1 - 543 Nominal Tons 12.4 - 1,629 GPM 95°F/85°F/78°F	3.9 - 108 Nominal Tons 11.6 - 324.6 GPM at 95°F/85°F/78°F	160 - 305 Nominal tons 480 - 915 GPM at 95°F/85°F/78°F
180°F (82.2°C)	180°F (82.2°C)	Entering water temperature can exceed 180°F but is application specific; contact your local BAC Representative for details.
<p>Small to medium HVAC & industrial applications such as water source heat pump loops and air compressor cooling</p> <p>Indoor installations</p> <p>High temperature applications</p> <p>Tight enclosures & installations requiring a single air inlet</p> <p>Extremely sound sensitive applications</p>	<p>Small to medium HVAC & industrial applications</p> <p>Installations with extremely low height requirements</p> <p>Indoor installations</p> <p>High temperature industrial applications</p> <p>Extremely sound sensitive applications</p>	<p>Small to medium HVAC & industrial applications such as water source heat pump loops and air compressor cooling</p> <p>Installations requiring plume abatement</p> <p>Installations requiring water conservation</p> <p>Large range/close approach applications</p> <p>High temperature industrial applications</p>