



Series V Open Cooling Tower

Side Inlet / End Outlet / Pump Suction

- This Series V Revit family represents a base unit configuration. Additional features and options are available, but not supported in this product family release. Contact your local BAC Sales Representative for custom configured Revit content.
- BAC content is supplied in MEP 2011 format. Earlier releases are not currently supported. All content is tested in MEP 2011 and MEP 2012.
- **Please Note: At the time of this content release, Revit MEP 2012 was unable to create a single hydronic piping system with multiple return or supply connections.**
- Assumed project units:
 - Structural Force = Pounds
 - Electrical Power = HP
- Configurable instance parameters:
 - Construction – Attenuator Option (Low Profile Units Only)
 - Default = A – No Sound Attenuation
 - Select from the following options in the drop down menu:
 - B - Discharge Attenuation Only
 - C - Intake Attenuation Only
 - D - Full Attenuation
 - Graphics – Recommended Support Visibility
 - Default = Off
 - Select check box to display recommended support arrangement
 - The model displays anchor bolt locations and minimum beam width
 - Support beams and anchor bolts to be designed, supplied and installed by parties other than BAC
 - Recommended support is a solid extrusion and will detect interference when On
 - Recommended support only displays at fine detail level
 - **Remember to toggle Recommended Support Visibility Off before setting detail level to medium or coarse**
 - Graphics – Air Intake Clearance Visibility
 - Default = Off
 - Select check box to display minimum clearance
 - Clearance is a solid extrusion and will detect interference when On
 - Clearance only displays at fine detail level
 - **Remember to toggle Air Intake Clearance Visibility Off before setting detail level to medium or coarse**
 - Minimum clearances to a solid wall are shown. Please refer to BAC equipment layout guidelines for more detail.



- Plumbing:
 - Overflow, Makeup and Drain flows
 - Default Flow for each system = 0 GPM
 - Set to desired system flow values
- Mechanical – Loads:
 - Conditions
 - Standard conditions shown 95°/85°/78°
 - Set to actual tower selection if different
 - Design Water Flow
 - Default flow = 25 GPM
 - The Inlet connection will accept a flow value passed from a Hydronic Return system. Otherwise, set the Water Flow per Inlet to the required system flow value.
 - All models have maximum allowable flow values. Exceeding the rated flow capacity will toggle the Flow Capacity Exceeded parameter and display a note in plan views.
 - Water Inlet and Water Outlet pipe sizes are set automatically based on the Design Water Flow
- Identity Data:
 - This data will populate the BAC Open Cooling Tower Schedule
 - Service
 - Location
 - Equipment Tag
 - BAC Order Number
 - Comments
- Electrical:
 - Voltage
 - Default = 460V
 - Set to match power supply
 - Number of Poles
 - Default = 3
 - Set to match power supply
 - Frequency
 - Default = 60Hz
 - Set to match power supply