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The Revit product family for the Recold® JT cooling tower ("JT") provides the basic geometry and typical pipe connections for each unit size of the product line. The product family is compatible with Revit version 2012 and later, and may be downloaded at <http://spxcooling.com/revit>

#### **Inlet and Outlet Connections**

Depending on unit size, standard JT models have one or two inlet connections and one outlet connection per cell. Inlet and outlet piping connection(s) are standard male pipe thread (MPT). Connection size defaults to commonly used pipe diameter(s) for the unit size selected. Actual connection size and quantity may vary depending on the design flow rate, and should be confirmed in the quotation.

#### **Access Doors**

Depending on unit size, standard JT models are equipped with between two and nine large rectangular access doors per cell. Standard access door locations are linked to the model number in the Revit family.

#### **Multiple Cells**

Multiple instances of the JT product family may be inserted into the Revit project for installations having multiple cells. Arrangements with Face A (long face, fan on left) of one cell oriented towards Face C (long face, fan on right) of another cell are the most common.

Standard center-to-center cell spacing is listed by model size in the table below.

Center to Center Cell Spacing	
Unit Size	Inline
JT1830	63.00" (1600mm)
JT2140	70.75" (1797mm)
JT2550 – JT2565	85.25" (2165mm)
JT3175 – JT31100	107.63" (2734mm)
JT37110 – JT37140	128.75" (3270mm)
JT40160 – JT40180	159.50" (4051mm)
JT40215 – JT40265	159.50" (4051mm)
JT49290 – JT49310	168.50" (4280mm)
JT49340 – JT49360	168.50" (4280mm)
JT49390 – JT49415	168.50" (4280mm)

#### **Clearances**

In addition to the clearances necessary to perform basic tower maintenance, appropriate clearance must be provided at the air inlets and air discharge for adequate air flow. The clearance requirements vary by application, but the air inlet

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clearance can be approximated as one cell width, and the air discharge clearance should be no less than three cell widths. Also note that vertical enclosures around the cooling tower should not rise above the fan discharge, otherwise air recirculation may impact performance.

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