

InfraStruXure[®] Cooling Distribution Unit ACFD12-CXX-TX100 Configuration

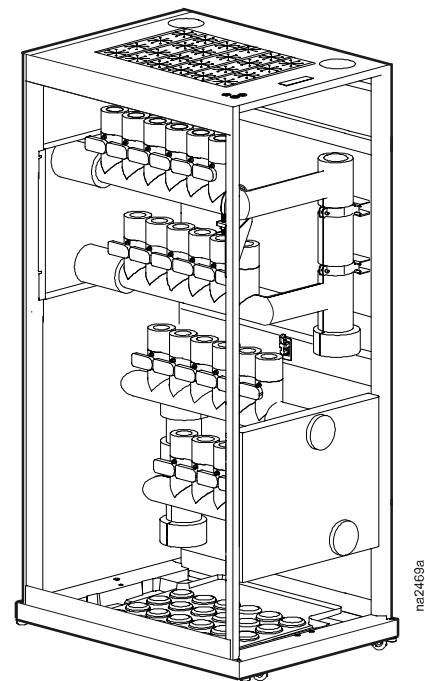
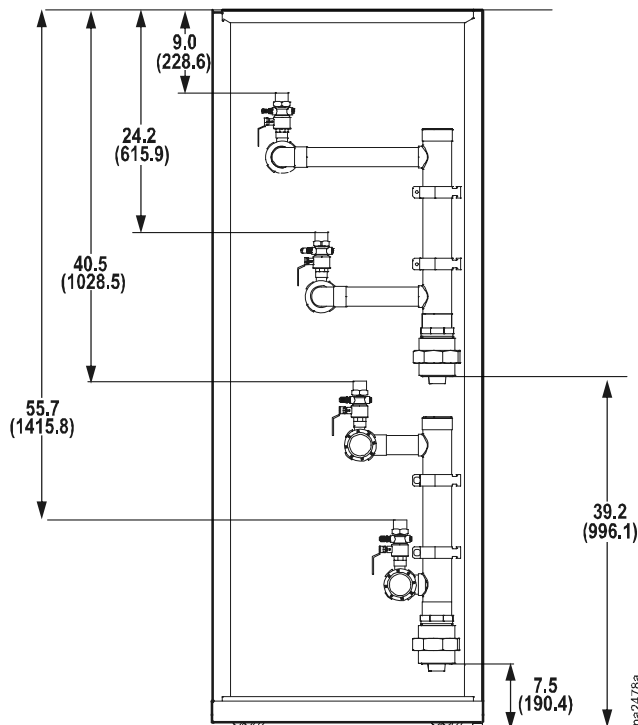


Note: Use this information sheet with your InfraStruXure Cooling Distribution Unit (CDU) Installation Manual.

X-option difference from a standard CDU

X-option chilled water supply and return lines are connected from the bottom. The PEX-AL-PEX distribution piping is routed through the top.

Side view and dimensions

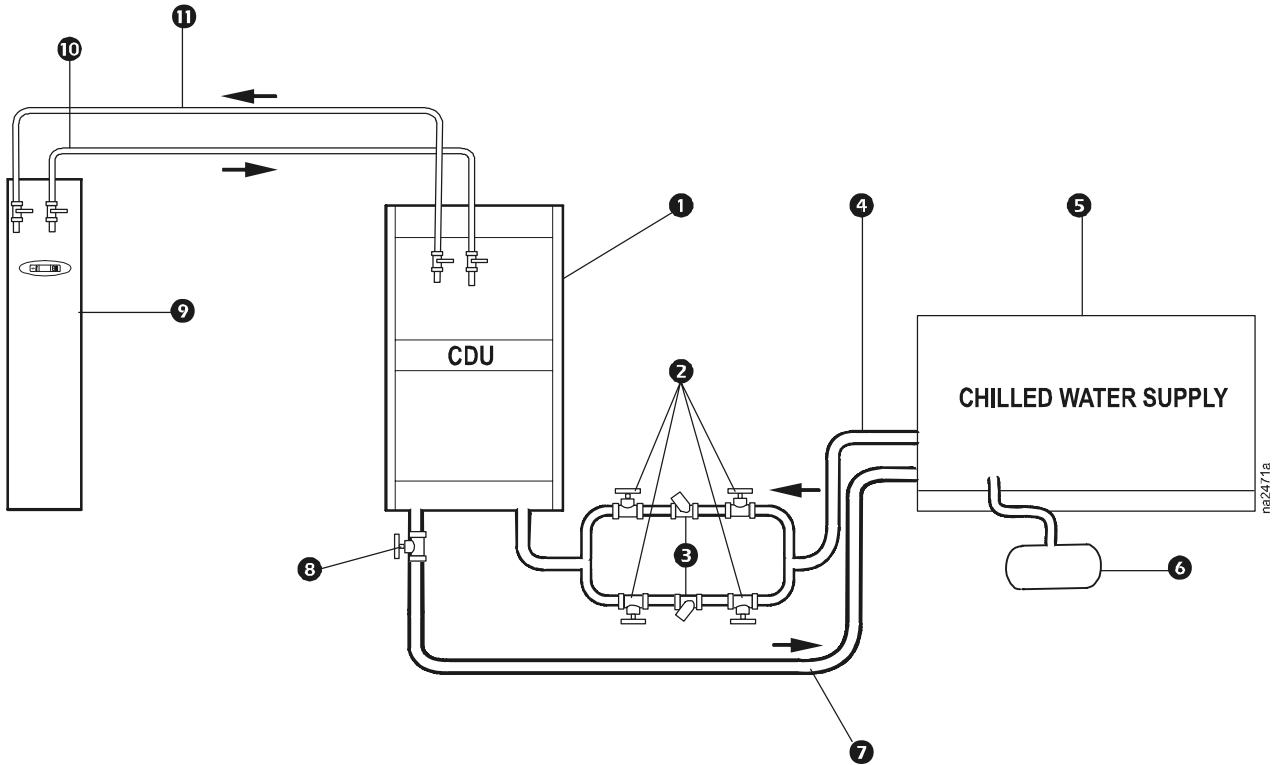


* Dimensions are in inches (millimeters).

Piping diagram



Note: Supply and return isolation valves are intended for service activities only. Do not trap water for extended periods of time.



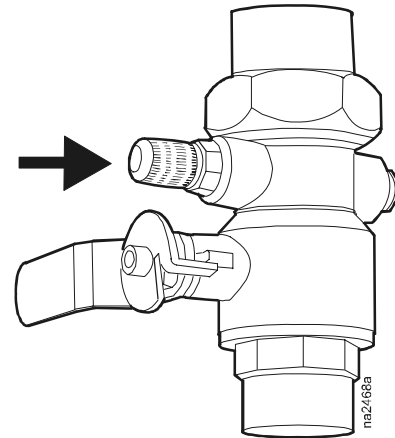
Item	Description	Item	Description
1	CDU	7	Return main piping
2	Isolation valves	8	Isolation valve
3	20-mesh strainers	9	InRow™ RC
4	Supply main piping	10	Distribution return line
5	Chilled water supply	11	Distribution supply line
6	Expansion tank		



Note: Significant temperature increases can occur when chilled water flow is discontinued for servicing. Do not isolate water lines from the system expansion tank. Shut off only one valve at the CDU or at the InfraStruXure InRow™ RC to allow for thermal expansion of the water in the piping.

Purging air from the equipment

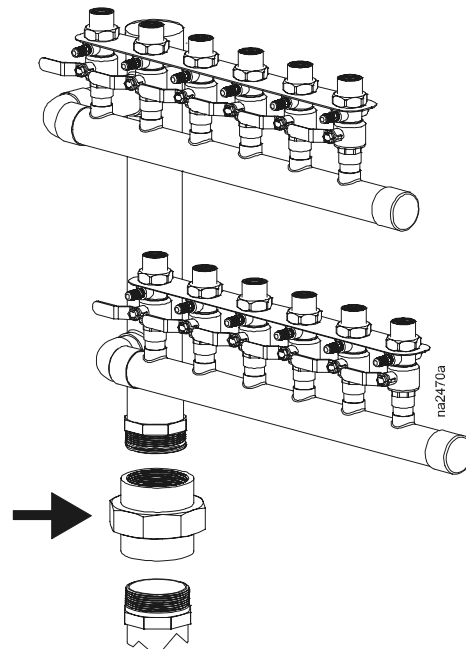
When the supply valves are opened during start-up, leave the return valves shut. Purge air out the Schrader ports until water is detected, then open the return manifold valves. This should be done in conjunction with purging the InRow RC.



Installation note



Note: When installing the chilled water supply and return lines, add a dielectric connection if dissimilar metals are used.



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