

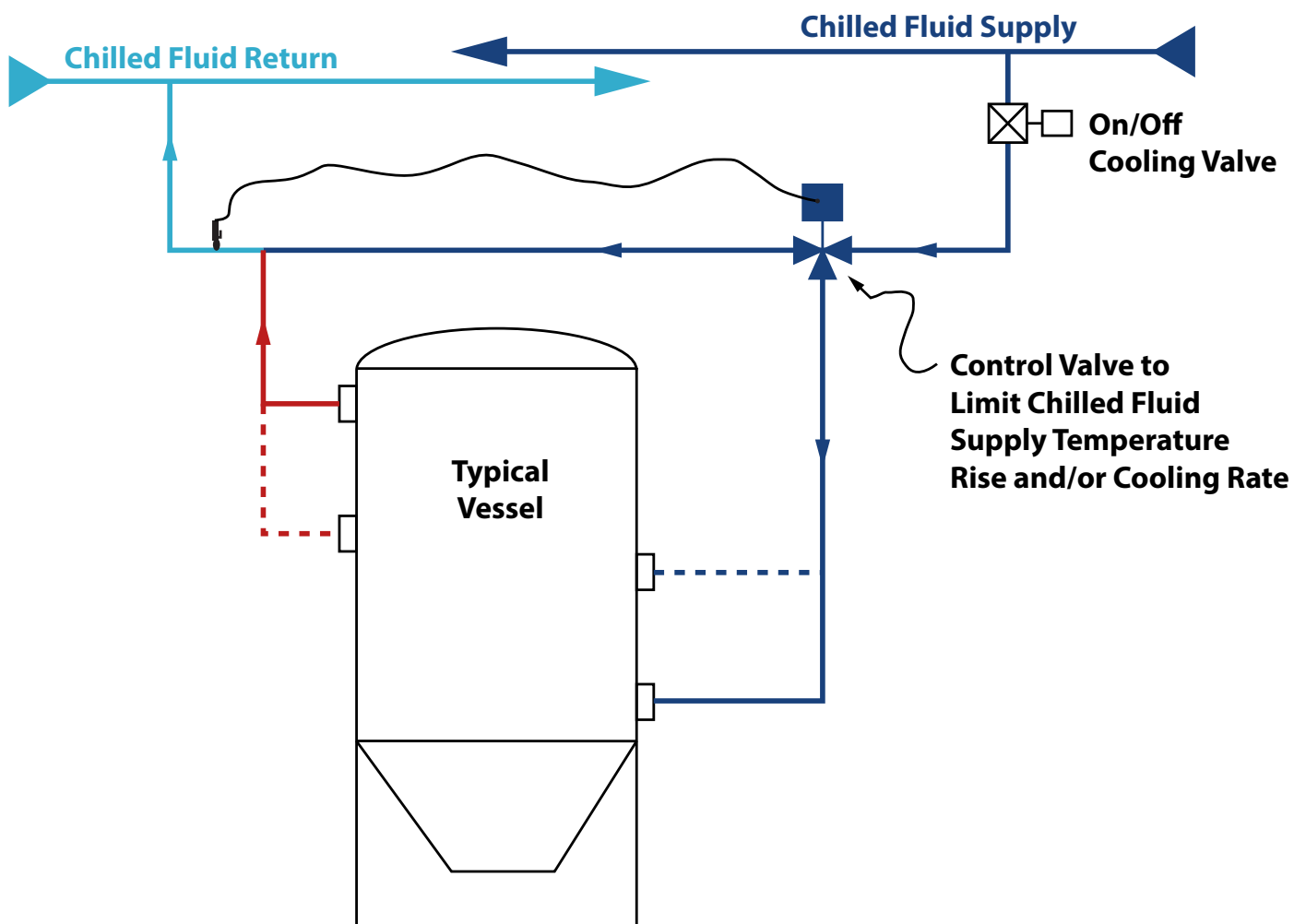


F.Y.I.

TEMPERATURE CONTROLLERS... PORTABLE CHILLERS... CENTRAL CHILLERS... PUMP TANK STATIONS... TOWER SYSTEMS...

SUBJECT: TYPICAL JACKETED VESSEL RETURN FLUID TEMPERATURE

FYI #327 01/11/2019



- When trying to quickly cool a vessel and product often referred to as “crash cooling” from a relatively high starting temperature the initial cooling efficiency can be very high.
- This may result in a cooling fluid temperature leaving the vessel that exceeds the maximum recommended temperature that the chiller can handle.
- In these cases it is necessary to install a vessel return fluid temperature limiting control system as shown in the drawing.