

WHAT'S WRONG WITH MY PUMP?

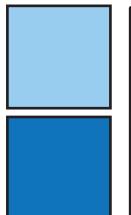
Understanding Causes & Consequences of DEADHEAD

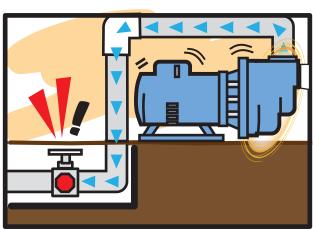
SYMPTOMS: Pump case is unusually hot, due to internal friction caused by the spinning impeller. The pump runs continuously but the water is prevented from flowing to the system.

CONSEQUENCES: The super-heated case water leaves both the pump and pipework – including pipe lines, valves, and fittings – subject to expansion or failure. The superheated water destroys the pump seals, causing pump failure.

HOW DEADHEAD DESTROYS A PUMP

VALVE NOT OPEN. ZONE VALVE MECHANICAL FAILURE OR CONTROLLER PROGRAMMING ERROR; OR ISOLATION VALVE LEFT CLOSED







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SUPERHEATED WATER FROM PUMP CASE OVERHEATS PIPE AND PUMP SEALS



