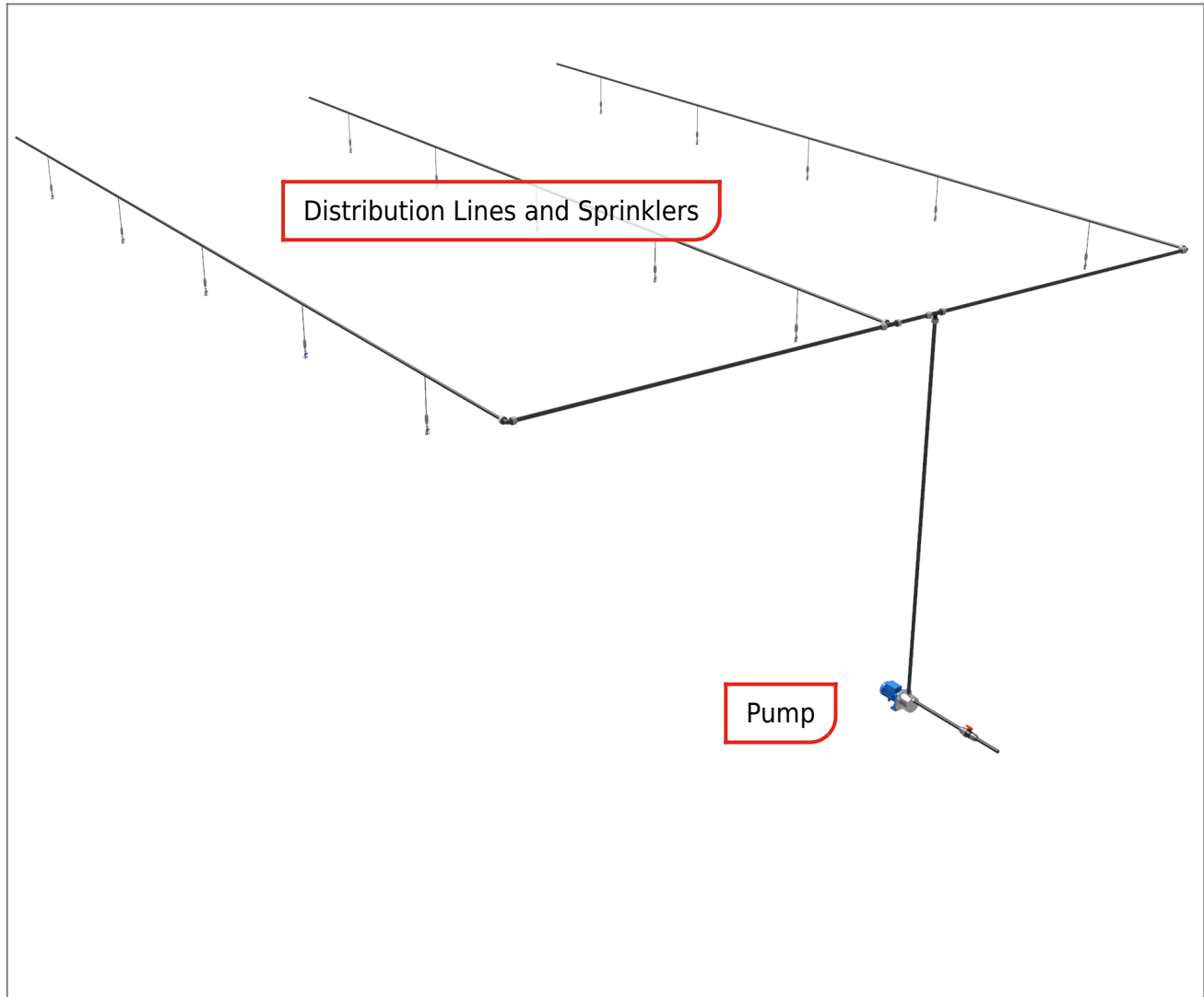


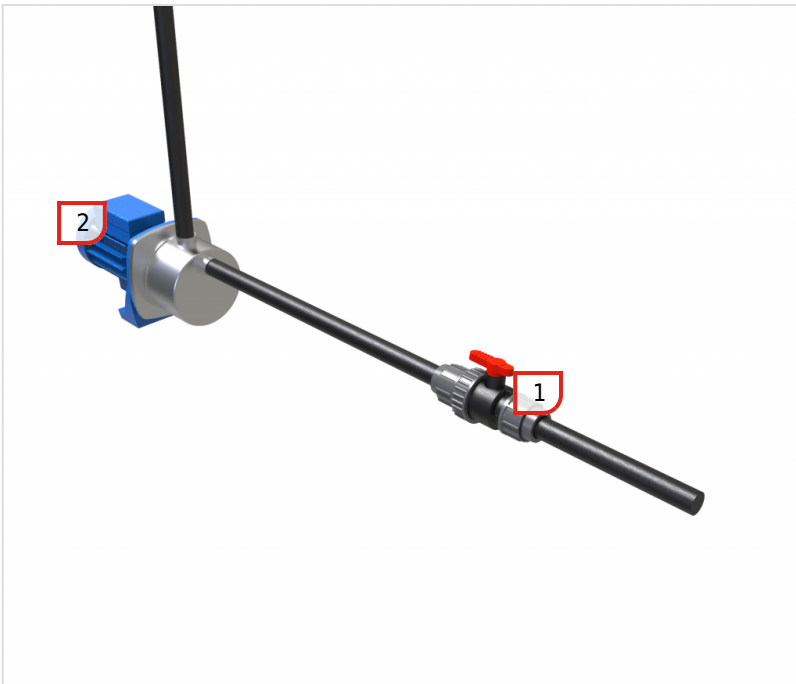
# SPRINKLERS

<https://solutions.plassonlivestock.com/system/sprinklers/>



## OVERVIEW

Plasson's sprinkler system is an evaporative cooling system controlled by the house controller which creates a mist of water in the chicken house to absorb the rising heat energy (and in worse-case scenarios to physically wet the birds). In emergency situations the system can be used in conjunction with the tunnel ventilation system



## **PUMP**

The pump is chosen based on system and house requirements.

### **1 Inlet pipe and valve**

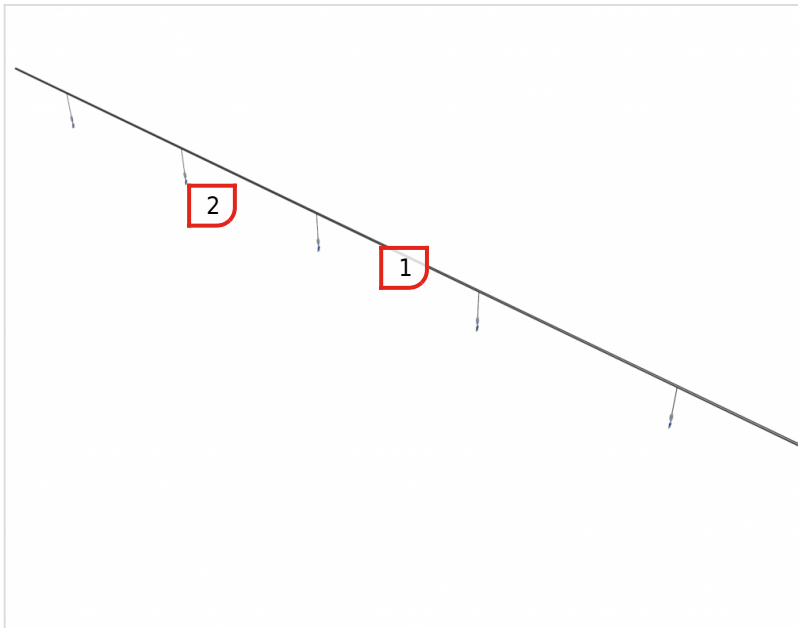
Directs or stops water supply from the reservoir tanks to the pump.

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### **2 Pump**

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## DISTRIBUTION LINES AND SPRINKLERS



### **1** Distribution line

20-25 mm PE pipes are installed across the length of the house to ensure good mist coverage of the entire house



### **2** Sprinklers

40 L/hr sprinklers are installed along the length of the distribution line. They come with anti-drip devices to ensure water does not drip onto the house floor and wet the litter when the system is not in operation.