|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type** | **Flow Rate [GPM]** | **Total Head [ft]** | **Motor Power [HP]** | **Pump Speed [RPM]** | **Aprox FLA (460V)** | **Frame Size** | **Impeller parementer [inch]** | **Manufacture** | **Model** |
| Duty Pump | 85 | 50 | 2 | 1750 | 4 | 182T | 7 | Bell & Gossett | Series 1510 |
| Standby Pump | 85 | 50 | 2 | 1750 | 4 | 182T | 7 | Bell & Gossett | Series 1510 |

|  |
| --- |
| **Geothermal water pumps & heat pumps Operation Control** |
| On | economizer and desiccant wheel cannot maintain comfort conditions due to extremes in outside weather conditions |
| Off | economizer and desiccant wheel can maintain comfort conditions due to extremes in outside weather conditions |

**Control of the Water Pump**

|  |  |  |
| --- | --- | --- |
| Duty Pump | Standby Pump | Condition |
| √ |   | As the Geothermal system on |
| √ | √ | **Setpoint** control |
|   | √ | Duty pump failure |