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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Component | Input Temperature | Output Temperature | Pressure | Mass flow rate | Power Output |
| Reactor | 325°C | 750°C | 6 MPa | 81.5 kg/sec | 180 MWth |
| Pump | - | 325°C |  |  |  |
| Steam Generator | 750°C | - | 6 MPa | 81.5 kg/sec | - |
| Turbine |  |  |  |  | 15 MWe |
| Reboiler | 200°C | 540°C | 13.8MPa | 64 kg/sec | - |

Two condensers are connected to the steam generator along with two air coolers and a recuperator