



The schematic diagram illustrates the experimental setup for studying the interaction between a jet and a wall jet. Key components and dimensions include:

- Settling Chamber:** Located at the top left, with a diameter of 95 mm.
- Cyclone Separator:** A vertical component with a height of 85 mm and a diameter of 95 mm.
- Heat Exchanger:** A horizontal component with a length of 2100 mm and a diameter of 95 mm.
- Test Section:** The central part of the setup where the jet and wall jet interact, with a diameter of 95 mm.
- Flow Direction:** Indicated by arrows pointing from left to right.
- Dimensions:** Total length of 5500 mm, with segments of 85 mm, 2100 mm, and 2365 mm.

Labels in the diagram include:

- 5 mm meshed
- A.B.T.72100mm
- Receiving gas pipe
- Receiving water pipe
- Receiving air pipe
- Receiving oil pipe
- Receiving steam pipe
- Receiving gas pipe
- Receiving water pipe
- Receiving air pipe
- Receiving oil pipe
- Receiving steam pipe

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