



Construction of the 'cold' tube.

The drawing only shows details and dimensions for the 26 mm diameter brass tube (A), as the details for the other tubes may be inferred easily.

Construction of the 'hot' tube for the 26 mm brass tube (A)

The details of the plastic tube are essentially identical, except for its inner diameter of 24 mm, and some minor adjustments in the position of the inlet nozzles to accomodate this.

Construction of the 'hot' tube for the 18 mm brass tube (B)

| RANQUE-HILSCH VORTEX TUBES |
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| General Notes |
| (1) All dimensions in millimeters except where shown |
| (2) Original scale : Half Size |
| (3) If a particular dimension is not shown on any diagram, use that from the drawing above. |
| (4) Drawn by T.T. Cockerill, CUED, 8/2/95. |
| (5) Third angle projection |

Figure 3.2: Drawing of the CUED vortex tubes.