In accordance with the RHI Regulations, RHI support payments must only be made in relation to heat that is used for an eligible purpose. To assist us with calculating the heat lost through the pipework where **air** is conveyed, you must provide the following information. Note that these values will be used to determine the heat loss value in accordance with the CIBSE Guide C. If you have more than one length of ducting, separate values must be provided per length. Separate columns have been provided for up to three lengths – add more if necessary.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Property** | **Nomenclature** | **Unit** | **Value - pipework no.1** | **Value – pipework no.2** | **Value – pipework no.3** |
| Base of pipework | **b** | m |  |  |  |
| Height of pipework | **h** | m |  |  |  |
| Radius of pipework (if circular only) | **r** | m |  |  |  |
| Length of pipework | **L** | m |  |  |  |
| Temperature at upstream end of pipe | **θu** | ˚C |  |  |  |
| Temperature of air outside | **θa** | ˚C |  |  |  |
| Velocity of air in pipework \* | **c (v)** | m/s |  |  |  |
| Outside surface heat transfer coefficient (Table 3.25 from CIBSE Guide C) | **hso** | W/m²K |  |  |  |
| Thermal conductivity of insulation | **λd** | W/mK |  |  |  |
| Thickness of insulation | **t** | m |  |  |  |
| Annual operating hours | **T** | hr |  |  |  |
| Expected annual heat generated by installation | **E** | kWh |  |  |  |
| Plant Capacity |  | kW |  |  |  |
| Shape of pipework | Rectangular or Circular | |  |  |  |
| Is pipework insulated | Yes or No | |  |  |  |
| Material of pipework i.e. stainless steel | - | |  |  |  |
| Thickness of pipework material | mm | |  |  |  |

If you are unable to provide the velocity of air in the pipework, please provide the volumetric flow rate – this can be obtained from the manufacturer’s datasheet.

**Please email your completed questionnaire to** [**RHI.accreditation@ofgem.gov.uk**](mailto:RHI.accreditation@ofgem.gov.uk)