

## Application

The **AFP** range of duct mounted multi-point **airflow probes** has been specifically designed to provide low cost velocity/pressure sensors for use with the Belimo NMV-D2-MP.MHS and VRD2.MHS range of service/retrofit VAV controllers. The **AFP** is available from stock in five standard lengths 100mm, 125mm, 160mm, 200mm and 250mm.

## Example of use

When combined with the Belimo range of volume controllers the **AFP** provides a cost effective fully linearised, electronic VAV package suitable for interfacing to most popular analogue or BMS control systems. These probes and controllers can be easily retrofitted to single duct, dual duct, fan assisted or induction type VAV terminal units.

## Belimo retrofit applications

The **AFP's** dimensions and fixings have been customised to allow for quick and easy replacement of the Belimo VR1 or VR2 single point sensors. The **AFP** will fit straight into the VR1/VR2 20mm insertion hole and uses the fixing holes left when the original single point sensors is removed. The new sensors have the added advantage of providing multi-point sensing across the total diameter of the inlet duct.

## Mounting

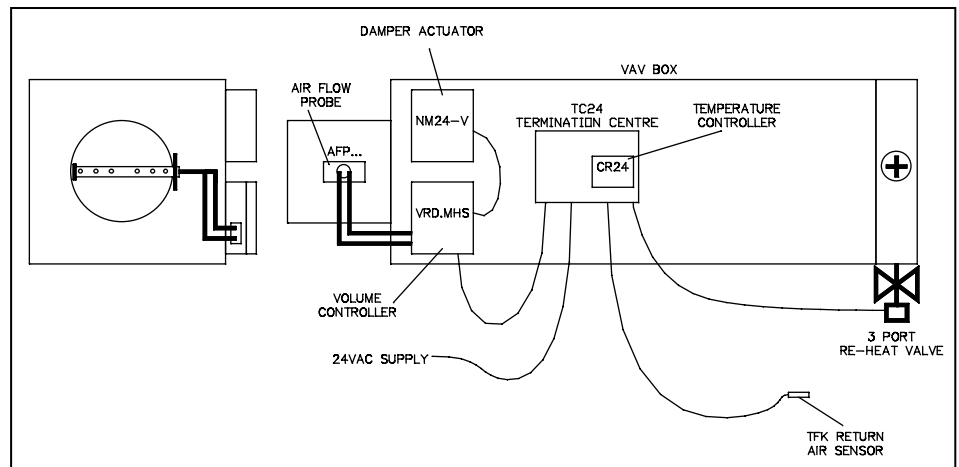
The **AFP** is inserted into the ductwork through a single 20mm hole and fixed with two No. 8 self tapping screws. The **AFP** is fitted with a foam gasket to ensure an air tight seal is achieved between the sensor and ductwork. The **AFP** is connected to the Belimo unit with the use of a **TK1** tubing kit.

## Accessories - TK1

**TK1** tubing kit: 1M of both blue and red 6mm ID PVC tubing suitable for connection to the **AFP** and the Belimo volume controllers. The kit also includes 2 x 6mm "T" pieces and blanking caps to enable in-line test points should these be required.

The technical data listed is for descriptive purposes only. It does not form any guarantee of characteristics. All descriptions and diagrams are subject to technical modifications (1096).

## Example of single duct use



## Dimensions of AFP sensor

