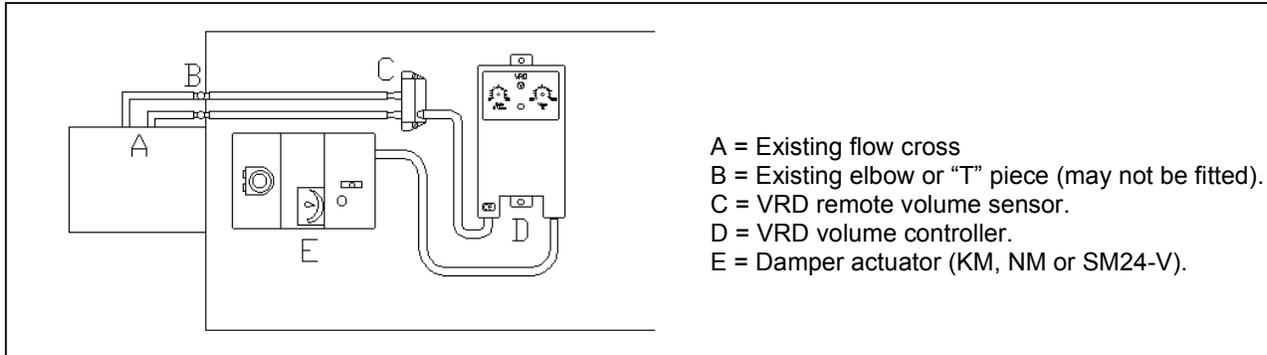
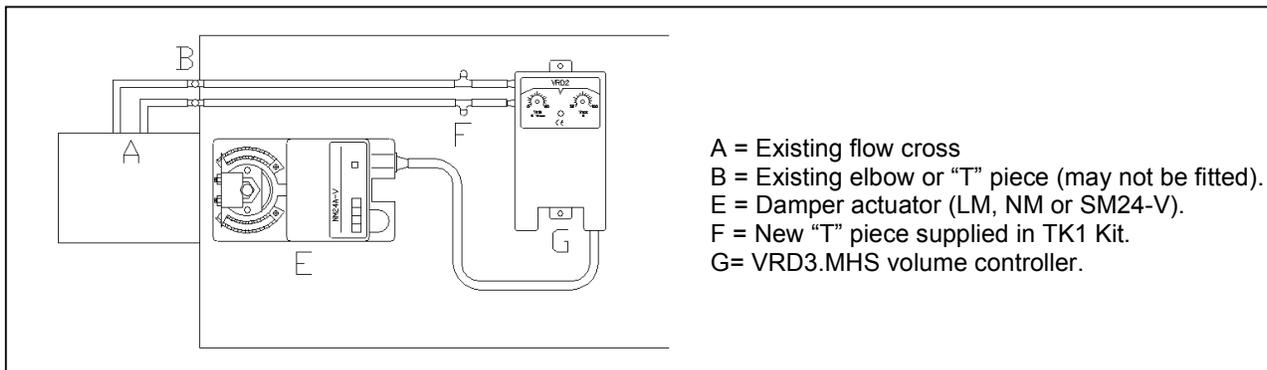


The Belimo range of VRD volume controllers has now been discontinued. When an existing VRD is found to be faulty it will be necessary to replace it with a new VRD3.MHS volume controller and TK1 tubing kit.

Old unit – VRD



New unit – VRD3.MHS



1. Isolate 24V power.
2. Disconnect existing VRD volume controller (**D**) (make a note of all cable colours / numbers).
3. Unplug the existing motor cable from the VRD volume controller.
4. Remove velocity tubes from VRD remote volume sensor (**C**), be sure to identify the (+) and (-) tubes.
5. Remove the VRD volume controller.
6. Fit the new VRD3.MHS volume controller (**G**) using the original screw holes (if the velocity tube connections are obstructed in any way the unit may need to be remounted in a more suitable position).
7. Rewire the new VRD3.MHS volume controller (it is wired in exactly the same way as the old VRD volume controller).
8. Plug in the existing VAV damper actuator (**E**).
9. Extend the existing volume tubes using a TK1 tubing kit and connect directly into the VRD3.MHS. Make sure the tubes are connected correctly at both ends, the (+) connections should be made with the RED tube, and the (-) connections should be made with the BLUE tubes.
10. If no “T” pieces (**B**) are fitted in the existing tubes, fit the “T” pieces supplied in the TK1 tubing kit (**F**), you will need these for airflow calibration.

Note: If the existing temperature controls are manufactured by Staefa you will need to use the VRD3L.MHS volume controller which has a 0-20V phase cut input terminal.