

# Product Information Update

**Subject:** Pneumatic Controls for VAV Boxes

**Date:** October 2003

**Applicability:** Leaflet 5/1/B/3 TVZ-TVA

**Ref:** PIU 1/4/472

PIU Issued: YES  NO

The Sauter RLP10 pneumatic controller has been discontinued.

Therefore control codes PA1, PD1, PB1 and PE1 used for VAV control are no longer available and all pneumatic controls for VAV boxes are now subject to enquiry.

A new pneumatic controller will be introduced into the price list, with new control codes, in the near future. However the new controller will have a reduced range of operation, for example:

<b>TVZ Spigot Size</b>	<b>Minimum Volume</b>	<b>Maximum Volume</b>
125	15 l/s	120 l/s
160	25 l/s	200 l/s
200	40 l/s	320 l/s
250	60 l/s	490 l/s
315	105 l/s	815 l/s
400	170 l/s	1345 l/s

**NOTE: The maximum range setting is 5/1 between minimum and maximum volume.**



C A Palfrey  
**Associate Technical Director**

# Product Information Update

**Subject:** Water Pressure Drop on Reheat Coils

**Date:** August 2004

**Applicability:** TVZ Leaflet 5/1/B/3

**Ref:** PIU 1/4/492

PIU Issued: YES  NO

There is a printing error on page 20 in the above leaflet. Diagram 1 "Mean Water Pressure Drop" should read for 1 circuit and NOT for 1 row; also for circuits >1 and NOT for rows>1.

Please note that the information given for water pressure drop is approximate and that actual values for water valve sizing should be obtained from Technical Department.



C A Palfrey  
**Associate Technical Director**

# Product Information Update

**Subject:** VAV Belimo Controllers TVZ-TVA

**Date:** November 2004

**Applicability:** 5/1/B/3

**Ref:** PIU 1/4/498

PIU Issued: YES  NO

With immediate effect the control code B13 (VRD2 with NM24V) and B13 (VRD2 with NM24V c/w transformer / enclosure) are no longer available as a standard control package.

The standard control code BCO should be used as the basic VAV controller.

The NMV2DM (BCO) controller offers better control performance at a lower price.



C A Palfrey  
**Associate Technical Director**

# Product Information Update

**Subject:** Belimo NMVD2M Volume Controller TVZ-TVA      **Date:** December 2004

**Applicability:** No catalogue leaflet      **Ref:** IC 1/4/502

PIU Issued: YES  NO

With immediate effect the following range of volume settings for control code BC0 will apply:

	Code E0	Code E2
Control Signal	0-10 VDC	2-10 VDC
Minimum L/S Setting	0	Vmin Published
Maximum L/S Seeting	Vmax Published	Vmax Published

Examples:

- a) TVZ 200 with BC0 used with free issue Trend BMS controller: - E0 – 0 – 405  
This allows the Trend controller to set the design volumes and also shut the damper.
- b) TVZ 200 with BC0 used with temperature controller by others E2 – 180 – 300. The design volumes are set in the Belimo NMVD2M. The box can only be shut by the use of and optional relay.



C A Palfrey  
**Associate Technical Director**

# Product Information Update

**Subject:** New Belimo Compact LMV-D2-MP**Date:** November 2006**Applicability:** 5/1/B/3 TVZ-TVA**Ref:** PIU 1/4/528PIU Issued: YES  NO 

From week 45 TVZ/TVA boxes produced in the UK will incorporate the new Belimo controller/actuator type LMV-D2-MP for the control code BCO. Training will be arranged on request but the control features remain basically the same as the previous Compact. Details of the new controller are available on the Belimo web site. The TROX version LMV-D2-MP...TR will be coloured blue rather than Belimo orange. When used in conjunction with the Belimo Temperature Controller type CR24... the mode setting is to be 2 to 10VDC (E2). For all other situations the mode setting as standard remains as E0. The price for BCO control option remains unchanged.

C A Palfrey

**Associate Technical Director**

# Product Information Update

**Subject:** Pneumatic Controls for VAV Boxes

**Date:** October 2003

**Applicability:** Leaflet 5/1/B/3 TVA

**Ref:** PIU 1/4/473

PIU Issued: YES  NO

The Sauter RLP10 pneumatic controller has been discontinued.

Therefore control codes PA1, PD1, PB1 and PE1 used for VAV control are no longer available and all pneumatic controls for VAV boxes are now subject to enquiry.

A new pneumatic controller will be introduced into the price list, with new control codes, in the near future. However the new controller will have a reduced range of operation, for example:

<b>TVZ Spigot Size</b>	<b>Minimum Volume</b>	<b>Maximum Volume</b>
125	15 l/s	120 l/s
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200	40 l/s	320 l/s
250	60 l/s	490 l/s
315	105 l/s	815 l/s
400	170 l/s	1345 l/s

**NOTE:** The maximum range setting is 5/1 between minimum and maximum volume.



C A Palfrey  
Associate Technical Director

# Product Information Update

**Subject:** VAV Belimo Controllers TVA

**Date:** November 2004

**Applicability:** 5/1/B/3

**Ref:** PIU 1/4/499

PIU Issued: YES  NO

With immediate effect the control code B13 (VRD2 with NM24V) and B13 (VRD2 with NM24V c/w transformer / enclosure) are no longer available as a standard control package.

The standard control code BCO should be used as the basic VAV controller.

The NMV2DM (BCO) controller offers better control performance at a lower price.



C A Palfrey  
**Associate Technical Director**