AGA CERTIFIED PRODUCT

Certificate Holder:	**ELSTER GMBH**
ABN/ACN No. (if applicable):	N/A
Agent (if applicable):	N/A
Type of Component:	**Combination Control**
Model No. & Description: *(Refer www.aga.asn.au for more details)*	**Kromschroder** **RVS xx ML Series &** **Valvario Series VBY, VAG, VAD, VAV, VCD, VCG, VCV, VCC, VCDC & VCAG** *Refer Pages 2-4 for models*
Relevant Standard(s):	**AS 4624-2005 (Inc Amdt 1)** *Combination Controls for Gas* **AS 4629-2005 (Inc Amdt 2)** *Automatic Shut Off Valves and Vent Valves*

This is to certify that the particular **COMPONENT** specifically described herein and supplied to The Australian Gas Association (hereafter called the AGA) by the Certificate Holder named above has been subject to "type-testing" and assessed by the AGA to comply with the requirements of the AGA's Product Certification Scheme for Type Tested Gas Products.

This Certificate is issued on the express conditions that:

(i) The Certificate Holder undertakes to comply with the Rules Governing The AGA's Product Certification Scheme (hereafter called the Rules Governing);

(ii) This Certificate remains the property of the AGA; and

(iii) The AGA reserves the right to cancel this Certificate in accordance with the Rules Governing, and in such an event the Certificate Holder undertakes to surrender the Certificate to the AGA upon request.

Client Manager **Certificate Authorised**

Certificate first issued:	**29 October 1996**	Certificate No:	**5319**
This copy valid from:	**24 August 2026**	Refer specification issue:	**04 – v02**

QF 714/N12
(non JAS-ANZ)

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Certificate Holder: **ELSTER GMBH**

Valvario Series

VBY – Electro-magnetic automatic shut-off valve (bypass valve)
VAG – Electro-magnetic automatic shut-off valve (VAS) with air/gas ratio regulator
VAD - Electro-magnetic automatic shut-off valve (VAS) with pressure reducing regulator
VAV - Electro-magnetic automatic shut-off valve (VAS) with variable air/gas ratio regulator
VCD – Combination of VAS and VAD
VCG - Combination of VAS and VAG
VCV - Combination of VAS and VAV
VCC - Combination of VAC
VCDC - Combination of VAD and VAC
VCGC -Combination of VAG and VAC

Electrical Supply: 230Vac - 120Vac - 24Vdc
Ambient Temp. Range: -20'c to 60'c
IP Protection Degree: IP65 (VBY IP54)
Class: 1 (SSOV)
Working Pressure: 500MB (50 kPa)
Model Designation

VAG (1) (2) (3) (4) (5) (6) (7) (8) – (9) (10)
VAD (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)
VAV (1) (2) (3) (4) (5) (6) (7) (8)
VBY (12) (5) (7) (13) (14) (15) (16)
VCD (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)
VCG (1) (2) (3) (4) (5) (6) (7) (8) – (9) (10)
VCV (1) (2) (3) (4) (5) (6) (7) (8)
VCDC (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)
VCGC (1) (2) (3) (4) (5) (6) (7) (8) – (9) (10)
(1) denotes body type:
Body type 1 Rp or NPT 3/8", ½" ¾", 1"
Body type 2 Rp or NPT 1", 1 ¼"", 1 ½", 2"
Body type 3 Rp or NPT 1 ½", 2", 2 ½"

(2) = 'T' denotes products for North American market

(3) denotes inlet connection
-0 : inlet connection blind flange
10 :inlet connection 3/8"
15 :inlet connection ½"
20 :inlet connection ¾"
25 :inlet connection 1"
32 :inlet connection 1 ¼"

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40 :inlet connection 1 ½”
50 :inlet connection 2”
65 :inlet connection 2 ½:
(4) denotes outlet connection, specification may be omitted if outlet is the same as inlet
/0 :outlet connection blind flange
/10 :outlet connection 3/8”
/15 :outlet connection ½”
/20 :outlet connection ¾”
/25 :outlet connection 1”
/32 :outlet connection 1 ¼”
/40 :outlet connection 1 ½”
/50 :outlet connection 2”
/65 :outlet connection 2
(5) denotes connection type
R :Rp threaded connection (Not applicable for VBY)
N :NPT threaded connection (Not applicable for VBY)
I :Internal bypass (VBY only)
(6) denotes opening type
/N :fast opening
/L :slow opening
(7) denotes electrical installation requirement
W :230Vac 50/60Hz
A :230-120VAC 50/60Hz (Not applicable for VBY)
Q :120Vac 50/60Hz
K :24Vdc
(8) denotes accessories
SR: proof of closure and visual indicator (right)
SL: proof of closure and visual indicator (left)
GR: proof of closure and visual indicator (with gold plated contacts, right)
GL: proof of closure and visual indicator (with gold plated contacts, left)
(9) denotes connecting method
E :connection kit for air pressure, compression fitting
K :connection kit for air pressure, plastic hose coupling
(10) denotes valve seat type
A :working area A, standard valve seat
B :working area B, reduced valve seat

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(11) denotes outlet pressure range
25 :outlet pressure (0.25 - 2.5 kPa)
50 :outlet pressure (0.5 - 5 kPa)
100 :outlet pressure (1 - 10 kPa)

(12) denotes connection size
8 :DN8

(13) denotes electrical connection type
6L :electrical connection with plug and socket LED
5 : electrical connection with plug without socket

(14) denotes mounting position
-R :mounting position at main valve right
-L :mounting position at main valve left

(15) denotes assembly
E :assembled
B :supplied separately (single part)

(16) denotes accessories
D :flow rate adjustment
05 :diameter orifice

( ): Designation is excluded when not applicable

VAC
:control valve with electronic control
:no options

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