



AGA CERTIFIED PRODUCT



Certificate Holder:

SYSTEM CONTROL ENGINEERING PTY LTD

Type of Component:

COMBINATION CONTROL

Model No. & Description:

Refer www.aga.asn.au for more details)

**GV xxx ML SERIES, RVS xx ML SERIES &
VALVARIO SERIES VBY, VAG, VAD, VAV,
VCD, VCG, VCV, VCC, VCDC, VCAG**

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)


Certification Manager


General Manager

Certificate first issued: **29 October 1996**

Certificate No: **5319**

This copy valid from: **18 October 2007**

Refer specification issue: **02**



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(1) denotes body type:

Body type 1 Rp or NPT 3/8", 1/2", 3/4", 1"

Body type 2 Rp or NPT 1", 1 1/4", 1 1/2", 2"

Body type 3 Rp or NPT 1 1/2", 2", 2 1/2"

(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 1/2"

20 :inlet connection 3/4"

25 :inlet connection 1"

32 :inlet connection 1 1/4"

40 :inlet connection 1 1/2"

50 :inlet connection 2"

65 :inlet connection 2 1/2"

(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 1/2"

/20 :outlet connection 3/4"

/25 :outlet connection 1"

/32 :outlet connection 1 1/4"

/40 :outlet connection 1 1/2"

/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)


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**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**


for
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