WELDING / CUTTING / INDUSTRIAL GAS

GAS CONTROL. THE RIGHT REGULATOR.

Cylinder and outlet-point regulators
for workshop and industrial applications.



Premium single-stage

SELECT BY APPLICATION

What you need	Range	Page
Everyday cylinder gas control	Eco single-stage	2-3
Smooth, precise adjustment	Premium single-stage	4-5
Stable delivery as the cylinder empties	Two-stage	6
Higher delivery pressure	High pressure / WG600	7
CO2 heating or pipeline outlet control	Specialist regulators	8

MATCH FOUR THINGS BEFORE YOU ORDER

Gas. Use a regulator approved for the gas being supplied.
Supply connection. Match the cylinder valve or distribution outlet.
Delivery range. Choose pressure or flow to suit the equipment.
Configuration. Check entry position, outlet thread and gauge arrangement.

View the range

Adaptations to NEVOC / Unitor shipping-specification connections are available on request.

ECO / OXYGEN AND FUEL GAS

ECO. EVERYDAY WORKSHOP CONTROL.

Single-stage regulators for oxygen and fuel-gas equipment. Two-year manufacturer warranty.

OXYGEN

Part number	Delivery range	Entry	Gauges
GAS0002	0-10 bar	Base	2
GAS0012	0-10 bar	Side	2
GAS0016	0-4 bar	Base	2
GAS0008	0-10 bar	Base	0 (plugged)

Inlet: BS341 No.3, G5/8 BSP RH. Outlet: G3/8 BSP RH.



ACETYLENE

Part number	Delivery range	Entry	Gauges
GAS0003	0-1.5 bar	Base	2
GAS0013	0-1.5 bar	Side	2
GAS0009	0-1.5 bar	Base	0 (plugged)

Inlet: BS341 No.4, G5/8 BSP LH. Outlet: G3/8 BSP LH.



PROPANE

Part number	Delivery range	Entry	Gauges
GAS0018	0-4 bar	Side	2
GAS0007	0-4 bar	Base	0 (plugged)

Inlet: BS341 No.4, G5/8 BSP LH. Outlet: G3/8 BSP LH.



Plugged versions have no gauges. Select the gas-specific regulator and suitable cutting or heating equipment.

ECO / SHIELDING AND INERT GASES

ECO. SHIELDING & INERT GASES.

Flow-calibrated, adjustable-pressure and preset options for compatible gas equipment.

ARGON & AR/CO2

Part number	Delivery range	Entry	Gauges
GAS0001	0-35 L/min	Base	2
GAS0011	0-35 L/min	Side	2
GAS0010	0-10 bar	Base	1
GAS0025	2 bar preset	Base	1

GAS0025 is the argon preset option. Inlet: BS341 No.3. Outlet: G3/8 BSP RH.



INERT GAS & NITROGEN

Part number	Delivery range	Entry	Gauges
GAS0005	0-10 bar	Base	2
GAS0015	0-10 bar	Side	2
GAS0006	0-10 bar	Base	2

GAS0006: nitrogen, base entry. GAS0015 is offered for nitrogen service; specify the gas when ordering.



CO2

Part number	Delivery range	Entry	Gauges
GAS0004	0-10 bar	Base	2
GAS0014	0-10 bar	Side	2

CO2 inlet: BS341 No.8, W21.8 x 1/14. Outlet: G3/8 BSP RH.



L/min versions use a flow-calibrated gauge. They are not a substitute for a separate flowmeter where one is required.

PREMIUM / OXYGEN AND FUEL GAS

PREMIUM. PRECISE ADJUSTMENT.

Encapsulated-valve pressure control, 50mm high-contrast gauges and a three-year manufacturer warranty.

OXYGEN

Part number	Delivery range	Entry	Gauges
GAS1025	0-10 bar	Base	2
GAS1024	0-4 bar	Base	2
GAS1032	0-10 bar	Side	2
GAS1031	0-4 bar	Side	2
GAS1021	0-10 bar	Base	0 (plugged)

Inlet: BS341 No.3, G5/8 BSP RH. Outlet: G3/8 BSP RH.



ACETYLENE

Part number	Delivery range	Entry	Gauges
GAS1026	0-1.5 bar	Base	2
GAS1033	0-1.5 bar	Side	2
GAS1023	0-1.5 bar	Base	0 (plugged)

Inlet: BS341 No.4, G5/8 BSP LH. Outlet: G3/8 BSP LH.



PROPANE

Part number	Delivery range	Entry	Gauges
GAS1034	0-4 bar	Side	2
GAS1022	0-4 bar	Base	0 (plugged)

Inlet: BS341 No.4, G5/8 BSP LH. Outlet: G3/8 BSP LH.



Single-stage pressure reduction. For more consistent delivery as cylinder pressure falls, choose a two-stage model.

PREMIUM / SHIELDING AND INERT GASES

PREMIUM. WELDING GAS CONTROL.

Choose the gas, output range and cylinder connection required by your installation.

ARGON & AR/CO2

Part number	Delivery range	Entry	Gauges
GAS1027	0-35 L/min	Base	2
GAS1037	0-35 L/min	Side	2
GAS1038	0-35 L/min	Side	2
GAS1030	2 bar preset	Base	1



GAS1038: NEVOC No.30 side entry. GAS1030: argon preset. Other models: No.3 inlet.

INERT GAS

Part number	Delivery range	Entry	Gauges
GAS1028	0-10 bar	Base	2
GAS1036	0-10 bar	Side	2
GAS1039	0-10 bar	Side	2



GAS1039: NEVOC No.30 side entry. GAS1028 / GAS1036: BS341 No.3 inlet.

CO2

Part number	Delivery range	Entry	Gauges
GAS1035	0-4 bar	Side	2



BS341 No.8, W21.8 x 1/14 inlet. G3/8 BSP RH outlet.

These models have G3/8 BSP RH outlets. NEVOC No.30 uses W30 x 2 RH; confirm cylinder-valve compatibility.

TWO-STAGE / STABLE DELIVERY PRESSURE

TWO-STAGE. FEWER READJUSTMENTS.

Two pressure-reduction stages help maintain delivery pressure as cylinder pressure falls.

FOR LONGER WELDING, CUTTING & PROCESS JOBS

Use two-stage regulation when changing cylinder pressure would otherwise interrupt a consistent gas setting. All models below have two gauges.



Part number	Gas	Delivery	Entry
GAS0022	Oxygen	0-10 bar	Base
GAS0027	Oxygen	0-10 bar	Side
GAS0023	Acetylene	0-1.5 bar	Base
GAS0026	Acetylene	0-1.5 bar	Side
GAS1074	Propane	0-4 bar	Side

SHIELDING, INERT GAS & HYDROGEN

Part number	Gas	Delivery	Entry
GAS0020	Ar/CO2	0-35 L/min	Base
GAS0021	Inert gas	0-10 bar	Base
GAS0039	Inert gas	0-10 bar	Side
GAS1044	Nitrogen	0-10 bar	Base
GAS1045	Hydrogen	0-10 bar	Base



CONNECTIONS MATTER

Oxygen, Ar/CO2 and standard inert-gas versions use BS341 No.3 with G3/8 BSP RH outlet. Acetylene, propane and hydrogen versions use No.4 with G3/8 BSP LH outlet. Confirm the nitrogen configuration when ordering.

HIGH PRESSURE / WG600

HIGH PRESSURE. SPECIFY THE DUTY.

Select the delivery-pressure range, gas service and connection configuration together.





SINGLE-STAGE HIGH PRESSURE

WG600 TWO-STAGE

Part number	Delivery range	Stages	Entry	Outlet
GAS1104	0-28 bar	Single	Side	3/8 BSP RH
GAS1107	0-40 bar	Single	Side	3/8 BSP RH
GAS1108	0-55 bar	Single	Side	3/8 BSP RH
GAS1102	0-100 bar	Single	Side	1/4 NPT male
GAS1103	0-200 bar	Single	Side	1/4 NPT male
GAS1100	0-28 bar	Single	Side	Confirm configuration
GAS5847	0-40 bar	Two-stage	Base	3/8 BSP RH

DELIVERY PRESSURE IS NOT CYLINDER PRESSURE

GAS1104 delivers up to 28 bar; GAS1107 delivers up to 40 bar. A 300 bar inlet rating does not mean 300 bar delivery. Standard high-pressure catalogue models use a BS341 No.3 inlet; specify the gas and check the supplied fittings before ordering.

GAS1102 and GAS1103 have 1/4 NPT male outlets in the standard catalogue configuration.

SPECIALIST REGULATORS / ORDERING

SPECIALIST GAS CONTROL.

CO2 heater regulators and propane outlet-point regulation.

HEATED CO2 REGULATORS

An integrated heater counters expansion cooling during sustained CO2 use. Choose the correct electrical supply.



Part number	Flow range	Supply
GAS1105	0-25 L/min	110 V, 50 Hz
GAS1106	0-25 L/min	230 V, 50 Hz

Standard cylinder connection: BS341 No.8; No.3 available on request. Outlet: G3/8 BSP RH.

PROPANE OUTLET-POINT REGULATOR

GAS1058 controls gas at a distribution outlet point. It is a secondary regulator, not a direct cylinder regulator.



Part number	Delivery	Entry	Gauges
GAS1058	0-4 bar	Rear	1

Inlet: G3/8 BSP female LH. Outlet: G3/8 BSP LH.

ORDER WITH R H DAVEY

Tell us the gas, supply connection, working pressure or flow and preferred entry position. Adaptations to NEVOC / Unitor shipping-specification connections are available on request.

02380 339443

sales@rhdaveywelding.co.uk

Browse & enquire

Operate and maintain gas equipment to the manufacturer's instructions. Confirm compatibility with the complete gas system.