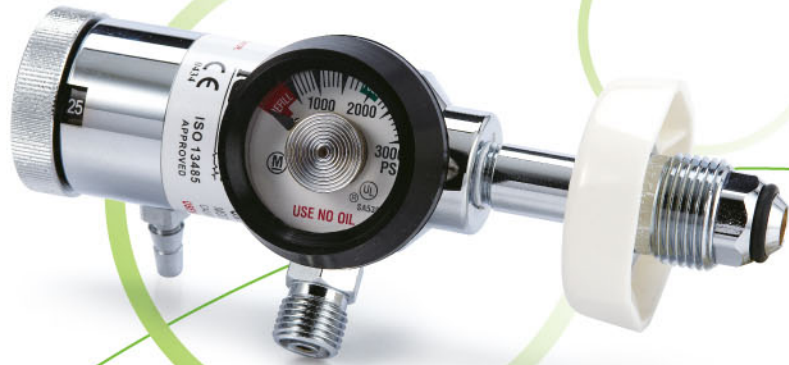




Professional
GAS THERAPY SYSTEMS
SUCTION & OXYGEN THERAPY



Professional
GAS THERAPY SYSTEMS
SUCTION & OXYGEN THERAPY

Manufactured & Distributed by



MORRIS ENGINEERING WORKS LTD.

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SR603C-760A-F2-VT9003

Reliable
Precision
High Quality



MORRIS ENGINEERING WORKS LTD., a Taiwanese company set up in 1977, has been designing and manufacturing a wide range of medical oxygen therapy and suction devices since 1997.

Thanks to its strong team of engineers and technicians supported by a well-trained and responsive team of sales representatives, MORRIS has built up an enviable and worldwide reputation as a medical professional. Our markets spread all over the world, providing its ability to meet the needs of the various markets in which it operates.

The company is **ISO 9001, ISO 13485**, and good manufacturing practices (**GMP**) certified. The products are **CE** marked and individually numbered for perfect traceability.

We are pleased to invite you to share MORRIS' recent developments through this new catalogue allowing you to select from our wide range of products.

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SR SERIES

Vacuum Regulators

VACUUM REGULATORS



SR603C-760A-F2-XX



SR603C-300A-F2-XX



SR602C-160A-F2-XX

FEATURES:

- + Accurate suction control within range.
- + 2-1/2" diameter Capsule gauge (diaphragm type). Anti- clockwise and clockwise are available.
- + Super-LumiNova plate design better brightness in the dark.
- + Easy to use control knob.
- + Durable plastic case.
- + Removable back plate and gasket for cleaning easier.
- + Quick switch for REG/OFF/FULL VACUUM.
- + Available Polycarbonate safety Jar/Trap.

HOW TO ORDER:

Type Designation System for Vacuum Regulator

Example: **SR60XX-XXX X-XX-XX-X**
① ② ③ ④ ⑤

1. Outlook identification: including SR603C, SR602C, SR603I, SR602I

- 3C: continuous 3 Mode (Reg/Off/Full)
- 2C: continuous 2 Mode (Reg/Off)
- 3I: intermittent 3 Mode (Reg/Off/Full)
- 2I: intermittent 2 Mode (Reg/Off)

2. Vacuum Specification: pressure level & gauge revolution

Example:
 760(A), 300(A), 160(A) (mmHg)
 100(A), 40(A), 20(A) (kPa)
 1000(A), 600(A), 250(A) (mbar) ...
 (A): means Anti-clockwise

3. Wall connection:

Example:
 DH: DISS handtight

AH	Australian Handtight	DH	DISS Handtight	F4	1/4" FNPT	M4	1/4" MNPT	SM	Shrader Male
AM	AGA Male	DM	DISS Male	FM	French Male	MM	Medstar Male	XM	Oxequip Male
BB	Bubble Barb	DN	DISS Nut and Nipple	GM	German Male	NF	NIST Female		
BP	British Probe	EB	Elbow with Barb	JM	Japanese Male	OM	Ohmeda Male		
CM	Chemetron Male	F2	1/8" FNPT	M2	1/8" MNPT	PM	Puritan Bennett Male		

4. Patient connection:

Example:
 DM: DISS Male
 TN: Tubing Nipple

5. Available Polycarbonate safety Jar/Trap:(see page 57)

- + VT9003 DISS HAND TIGHT (CHROMED BRASS)
- + VT9002 DISS HEX (CHROMED BRASS)
- + VT9003D DISS HAND TIGHT (ALUMINIUM)



SR603C-760A-OM-DM



SR603C-300A-BP-DM

SPECIFICATIONS:

Model Number	Mode	Operating ranges	Max flow rates (LPM)	Wall connection	Patient connection
SR603C-760(A)-F2-00	3 Mode Continuous (REG/OFF/FULL)	0~ -760mm Hg (Anti-)clockwise	0-80 LPM	1/8NPT Female	None
SR603C-760(A)-XX-XX	3 Mode Continuous (REG/OFF/FULL)	0~ -760mm Hg (Anti-)clockwise	0-80 LPM	Option	Option
SR603C-300(A)-XX-XX	3 Mode Continuous (REG/OFF/FULL)	0~ -300mm Hg (Anti-)clockwise	0-40 LPM	Option	Option
SR602C-300(A)-XX-XX	2 Mode Continuous (REG/OFF)	0~ -300mm Hg (Anti-)clockwise	0-40 LPM	Option	Option
SR602C-160(A)-XX-XX	2 Mode Continuous (REG/OFF)	0~ -160mm Hg (Anti-)clockwise	Option	Option	Option
SR603C-300(A)-OM-VT9003D	3 Mode Continuous (REG/OFF/FULL)	0~ -300mm Hg (Anti-)clockwise	0-40 LPM	Ohmeda male	VT9003D
SR603C-1000(A)-FM-VT9003	3 Mode Continuous (REG/OFF/FULL)	0~ -1000mm Hg (Anti-)clockwise	0-80 LPM	French male	VT9003

SR888 SERIES

Vacuum Regulators



SR888-760A-FM-DM



SR888-760A-FM-VT9003D

The purpose of SR888 Medical vacuum regulator is to measure and adjust the vacuum level, within the context of medical suction. It is used to remove substances from the patient's body during surgical and other procedures. The vacuum regulator should be connected to a wall source of vacuum, using a direct probe or through a rail mounting system.

FEATURES:

- + Available for several vacuum levels.
- + Vacuum gauge fitted with a protective bumper device.
- + On/off knob allowing for the quick restoration of a pre-adjusted vacuum level.
- + Wide membrane continuous suction controller guaranteeing reliability and fine adjustment.
- + Plastic body and cover preventing from risk of corrosion.
- + Available Polycarbonate Safety Jar/Trap.

HOW TO ORDER:

Type Designation System for Vacuum Regulator

Example: SR888- XXX X- XX- XX-X

① ② ③ ④

1. Vacuum Specification: pressure level & gauge revolution

Example: 760(A), 300(A), 160(A) (mmHg)
1000(A), 600(A), 250(A) (mbar)

*(A): means anti-clockwise

2. Inlet to wall connection:

Example: DH: DISS handtight

FM: French Male

AH	Australian Handtight	DH	DISS Handtight	F4	1/4" FNPT	M4	1/4" MNPT	SM	Shrader Male
AM	AGA Male	DM	DISS Male	FM	French Male	MM	Medstar Male	XM	Oxequip Male
BB	Bubble Barb	DN	DISS Nut and Nipple	GM	German Male	NF	NIST Female		
BP	British Probe	EB	Elbow with Barb	JM	Japanese Male	OM	Ohmeda Male		
CM	Chemetron Male	F2	1/8" FNPT	M2	1/8" MNPT	PM	Puritan Bennett Male		

3. Outlet to patient connection:

Example: DM: DISS Male

TN: Tubing Nipple

4. Available Polycarbonate Safety Jar/Trap(see page 57):

- + VT9003 DISS HAND TIGHT (CHROMED BRASS)
- + VT9002 DISS HEX (CHROMED BRASS)
- + VT9003D DISS HAND TIGHT (ALUMINIUM)

SPECIFICATIONS:

Model Number	Mode	Operating ranges	Flow rates (LPM)	Inlet to wall	Outlet to patient
SR888-760(A)-F2-DM	2 Mode Continuous (REG/OFF)	0~ -760mm Hg (Anti-)clockwise	0-40	1/8NPT Female	DISS Male
SR888-760(A)-OM-DM	2 Mode Continuous (REG/OFF)	0~ -760mm Hg (Anti-)clockwise	0-40	Ohmeda Male	DISS Male
SR888-760(A)-FM-VT9003	2 Mode Continuous (REG/OFF)	0~ -760mm Hg (Anti-)clockwise	0-40	French Male	VT9003
SR888-400(A)-JM-VT9003D	2 Mode Continuous (REG/OFF)	0~ -400mm Hg (Anti-)clockwise	0-40	Japanese Male	VT9003D
SR888-760(A)-XX-XX	2 Mode Continuous (REG/OFF)	0~ -760mm Hg (Anti-)clockwise	0-40	Option	Option



106RM - FL SERIES

Single stage / Diaphragm type / Flowmeter regulators



106RM-15FL-540



CGA-992HT



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm with internal safety valve protects against over-pressurization.
- + Sintered filter inlet for additional safety and longer life.
- + The standard 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 50psi (ANSI), for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

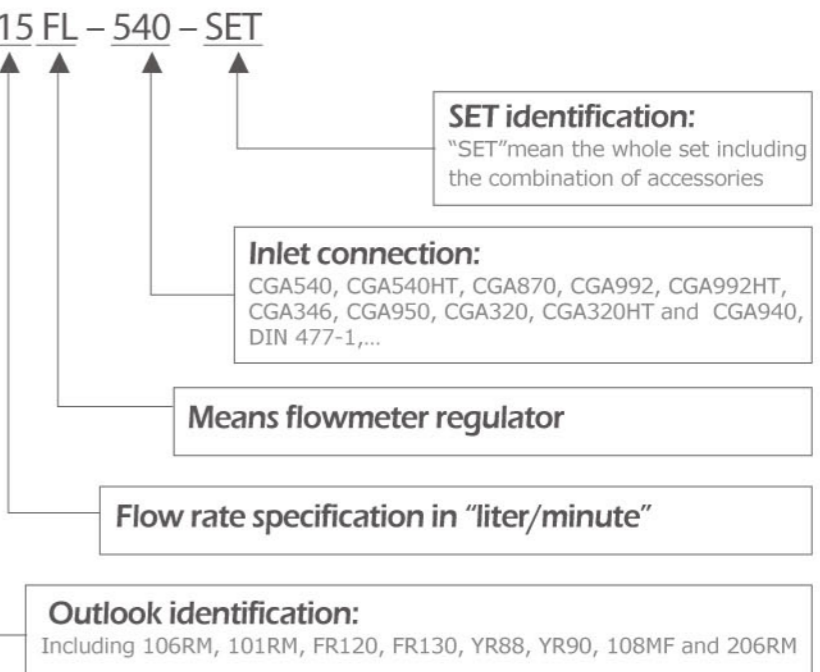
HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: **106RM-XXFL-XX-XX**

① ② ③ ④ ⑤

106RM - 15 FL - 540 - SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
106RM-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
106RM-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
106RM-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
106RM-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
106RM-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
106RM-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
106RM-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
106RM-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
106RM-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
106RM-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
106RM-15FL-870	OXYGEN	1~15	CGA-870 Yoke
106RM-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
106RM-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
106RM-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
106RM-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
106RM-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
106RM-12FL-940	CO2	1/2~12	CGA-940 Yoke

HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: 101RM-XXFL-XX-XX

① ② ③ ④ ⑤

101RM - FL SERIES

Single stage / Diaphragm type / Flowmeter regulators

FLOWMETER REGULATORS



101RM-15FL-540



CGA-992HT



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Chromed Forged brass flowmeter body for durability is also available.
- + Neoprene diaphragm type.
- + Reliable external safety relief valve.
- + Sintered filter inlet for additional safety and longer life.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

101RM - 15 FL - 540 - SET

SET identification:

"SET" mean the whole set including the combination of accessories

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means flowmeter regulator

Flow rate specification in "liter/minute"

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
101RM-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
101RM-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
101RM-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
101RM-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
101RM-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
101RM-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
101RM-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
101RM-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
101RM-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
101RM-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
101RM-15FL-870	OXYGEN	1~15	CGA-870 Yoke
101RM-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
101RM-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
101RM-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
101RM-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
101RM-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
101RM-12FL-940	CO2	1/2~12	CGA-940 Yoke

FR120-FL SERIES

Single stage / Diaphragm type / Flowmeter regulators



FR120-15FL-540



CGA-992HT

CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm type.
- + Reliable external safety relief valve.
- + Sintered filter inlet for additional safety and longer life.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 2kg/cm² or 2 bar for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

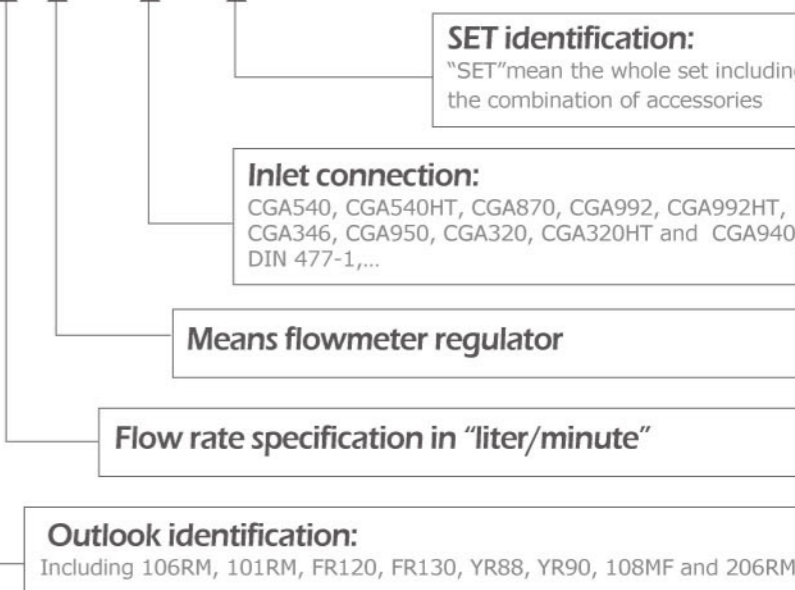
HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: FR120- XXFL- XX- XX

① ② ③ ④ ⑤

FR120 - 15 FL - 540 - SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
FR120-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
FR120-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
FR120-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
FR120-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
FR120-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
FR120-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
FR120-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
FR120-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
FR120-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
FR120-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
FR120-15FL-870	OXYGEN	1~15	CGA-870 Yoke
FR120-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
FR120-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
FR120-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
FR120-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
FR120-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
FR120-12FL-940	CO2	1/2~12	CGA-940 Yoke



FR130-FL SERIES

Two stage / Flowmeter regulators



FR130-15FL-992HT



CGA-540



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Both high pressure chamber for durability & Reliable external safety relief valve on rear for safety.
- + Sintered filter inlet for additional safety and longer life.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

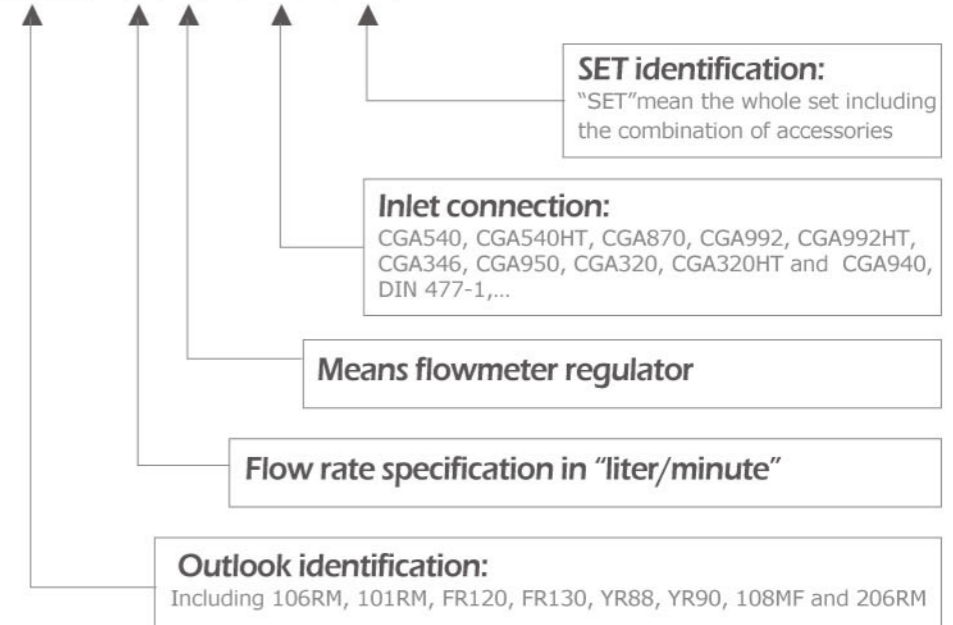
HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: FR130- XXFL- XX- XX

① ② ③ ④ ⑤

FR130 – 15 FL – 540 – SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
FR130-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
FR130-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
FR130-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
FR130-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
FR130-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
FR130-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
FR130-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
FR130-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
FR130-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
FR130-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
FR130-15FL-870	OXYGEN	1~15	CGA-870 Yoke
FR130-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
FR130-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
FR130-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
FR130-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
FR130-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
FR130-12FL-940	CO2	1/2~12	CGA-940 Yoke

HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: YR88- XXFL- XX- XX

① ② ③ ④ ⑤

YR88 - FL SERIES

Single stage / Piston type / Flowmeter regulators

FLOWMETER REGULATORS



YR88-15FL-992HT



CGA-540



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed forged brass body for durable and compact.
- + Piston type.
- + Reliable external safety relief valve on rear.
- + Sintered filter inlet for additional safety and longer life.
- + 2" diameter Inlet pressure gauges 0~315 bar EN837-1(CE) or 0~315kg (JIS).
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

YR88 - 15 FL - 540 - SET

SET identification:

"SET" mean the whole set including the combination of accessories

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means flowmeter regulator

Flow rate specification in "liter/minute"

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
YR88-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
YR88-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
YR88-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
YR88-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
YR88-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
YR88-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
YR88-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
YR88-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
YR88-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
YR88-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
YR88-15FL-870	OXYGEN	1~15	CGA-870 Yoke
YR88-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
YR88-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
YR88-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
YR88-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
YR88-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
YR88-12FL-940	CO2	1/2~12	CGA-940 Yoke

YR90-FL SERIES

Single stage / Piston type / Flowmeter regulators



YR90-15FL-992HT

CGA-540

CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed forged brass body for durable and compact.
- + Piston type.
- + Reliable external safety relief valve on rear.
- + Sintered filter inlet for additional safety and longer life.
- + 1.5" diameter Inlet pressure gauges 0~315 bar EN837-1(CE) or 0~315kg (JIS).
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Outlet flow control valve 90° or 180° are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

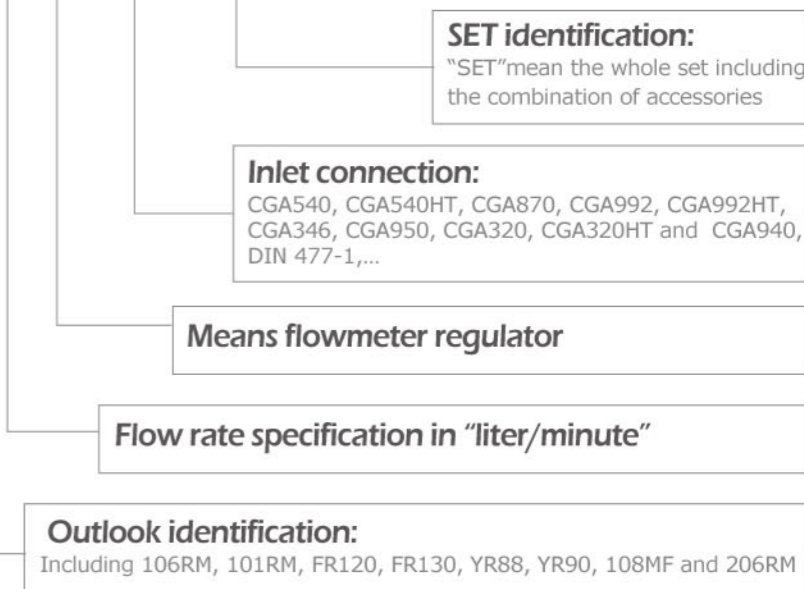
HOW TO ORDER:

Type Designation System for Flowmeter Regulator

Example: YR90- XXFL- XX- XX

① ② ③ ④ ⑤

YR90 - 15 FL - 540 - SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
YR90-5FL-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
YR90-5FL-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
YR90-5FL-870	OXYGEN	1/2~5	CGA-870 Yoke
YR90-8FL-540	OXYGEN	1/2~8	CGA-540 Nut and Nipple
YR90-8FL-540HT	OXYGEN	1/2~8	CGA-540 Handtight Nut and Nipple
YR90-8FL-870	OXYGEN	1/2~8	CGA-870 Yoke
YR90-15FL-992	OXYGEN	1~15	CGA-992 Nut and Nipple
YR90-15FL-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
YR90-15FL-540	OXYGEN	1~15	CGA-540 Nut and Nipple
YR90-15FL-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
YR90-15FL-870	OXYGEN	1~15	CGA-870 Yoke
YR90-15FL-346	MEDICAL AIR	1~15	CGA-346 Nut and Nipple
YR90-15FL-346HT	MEDICAL AIR	1~15	CGA-346 Handtight Nut and Nipple
YR90-15FL-950	MEDICAL AIR	1~15	CGA-950 Yoke
YR90-12FL-320	CO2	1/2~12	CGA-320 Nut and Nipple
YR90-12FL-320HT	CO2	1/2~12	CGA-320 Handtight Nut and Nipple
YR90-12FL-940	CO2	1/2~12	CGA-940 Yoke

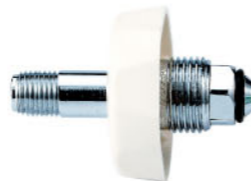


106RM - LM SERIES

Single stage / Flowgauge regulators



106RM-15LM-540



CGA-992HT



CGA-870

FEATURES:

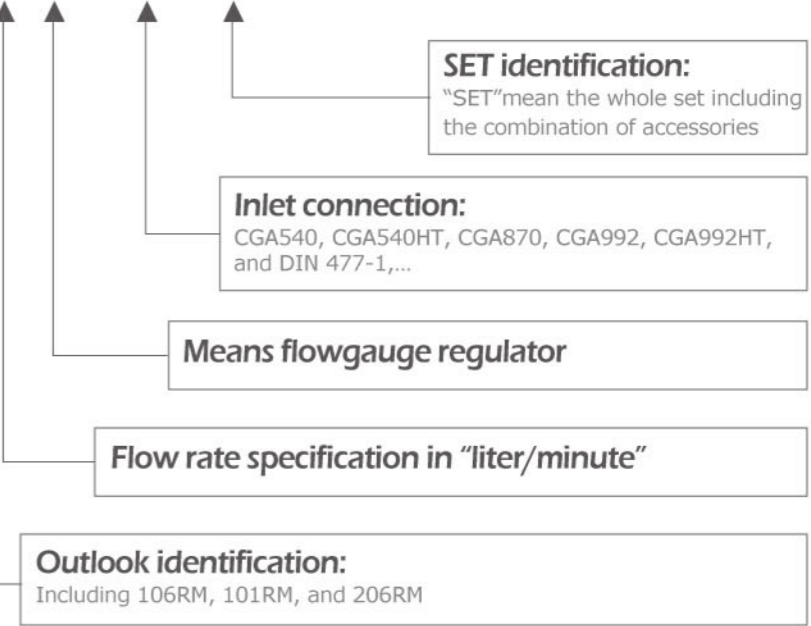
- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm with internal safety valve protects against over-pressurization.
- + Sintered filter inlet for additional safety and longer life.
- + 2" diameter Inlet pressure gauges 0~4000psi by UL approved and outlet pressure gauges marked UR.
- + USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER:

Type Designation System for Flowgauge Regulator

Example: **106RM-XXLM-XX-XX**
① ② ③ ④ ⑤

106RM - 15 LM - 540 - SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
106RM-5LM-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
106RM-5LM-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
106RM-5LM-870	OXYGEN	1/2~5	CGA-870 Yoke
106RM-8LM-540	OXYGEN	1~8	CGA-540 Nut and Nipple
106RM-8LM-540HT	OXYGEN	1~8	CGA-540 Handtight Nut and Nipple
106RM-8LM-870	OXYGEN	1~8	CGA-870 Yoke
106RM-15LM-992	OXYGEN	1~15	CGA-992 Nut and Nipple
106RM-15LM-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
106RM-15LM-540	OXYGEN	1~15	CGA-540 Nut and Nipple
106RM-15LM-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
106RM-15LM-870	OXYGEN	1~15	CGA-870 Yoke

HOW TO ORDER:

Type Designation System for Flowgauge Regulator

Example: **101RM-XXLM-XX-XX**
① ② ③ ④ ⑤

101RM - LM SERIES

Single stage / Flowgauge regulators



101RM-15LM-870

CGA-992HT

CGA-540

101RM - 15 LM - 540 - SET

SET identification:
 "SET" mean the whole set including the combination of accessories

Inlet connection:
 CGA540, CGA540HT, CGA870, CGA992, CGA992HT, and DIN 477-1,...

Means flowgauge regulator

Flow rate specification in "liter/minute"

Outlook identification:
 Including 106RM, 101RM, and 206RM

SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
101RM-5LM-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
101RM-5LM-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
101RM-5LM-870	OXYGEN	1/2~5	CGA-870 Yoke
101RM-8LM-540	OXYGEN	1~8	CGA-540 Nut and Nipple
101RM-8LM-540HT	OXYGEN	1~8	CGA-540 Handtight Nut and Nipple
101RM-8LM-870	OXYGEN	1~8	CGA-870 Yoke
101RM-15LM-992	OXYGEN	1~15	CGA-992 Nut and Nipple
101RM-15LM-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
101RM-15LM-540	OXYGEN	1~15	CGA-540 Nut and Nipple
101RM-15LM-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple
101RM-15LM-870	OXYGEN	1~15	CGA-870 Yoke

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Chromed forged brass body for durability is also available.
- + Neoprene diaphragm type.
- + Reliable external safety relief valve.
- + Sintered filter inlet for additional safety and longer life.
- + 2" diameter Inlet pressure gauges 0~4000psi by UL approved and outlet pressure gauges marked UR.
- + USA and international standard Inlet and outlet thread sizes are available.



206RM-LM SERIES

Two stage / Flowgauge regulators



206RM-15LM-540



CGA-992HT

CGA-870

FEATURES:

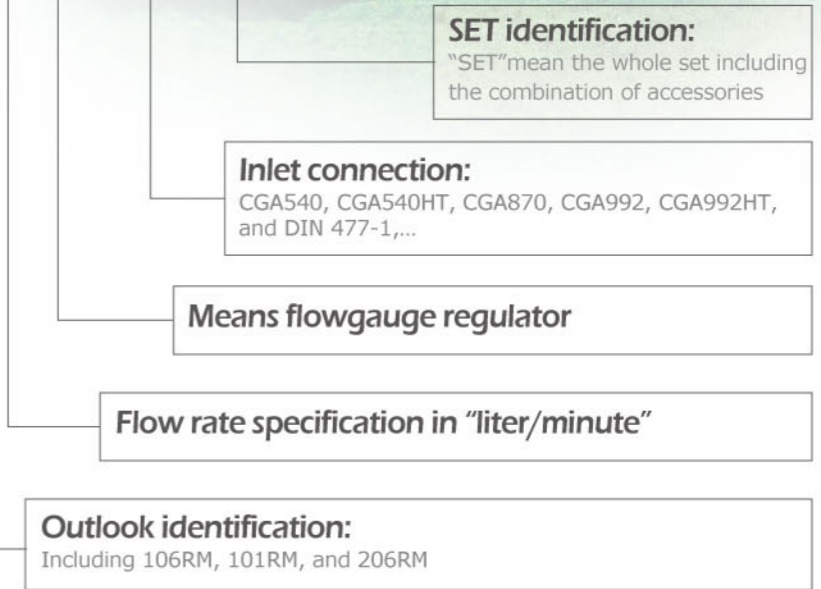
- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Two-stage design for flow control accuracy purpose such as calibration and testing.
- + First stage reduces high pressure to 170psi; second stage reduces to provide greater accuracy at lower flow settings.
- + Sintered filter inlet for additional safety and longer life.
- + 2" diameter Inlet pressure gauges 0~4000psi by UL approved and outlet pressure gauges marked UR.
- + USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER:

Type Designation System for Flowgauge Regulator

Example: 206RM-XXLM-XX-XX
① ② ③ ④ ⑤

206RM - 15 LM - 540 - SET



SPECIFICATIONS:

Model	Gas	Flow Range (LPM)	Inlet Connection
206RM-5LM-540	OXYGEN	1/2~5	CGA-540 Nut and Nipple
206RM-5LM-540HT	OXYGEN	1/2~5	CGA-540 Handtight Nut and Nipple
206RM-8LM-540	OXYGEN	1~8	CGA-540 Nut and Nipple
206RM-8LM-540HT	OXYGEN	1~8	CGA-540 Handtight Nut and Nipple
206RM-15LM-992	OXYGEN	1~15	CGA-992 Nut and Nipple
206RM-15LM-992HT	OXYGEN	1~15	CGA-992 Bull Nose and Handtight
206RM-15LM-540	OXYGEN	1~15	CGA-540 Nut and Nipple
206RM-15LM-540HT	OXYGEN	1~15	CGA-540 Handtight Nut and Nipple





106RM - PS SERIES

Single stage / Diaphragm type / Preset regulators



106RM-50PS-540



CGA-992HT



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm with internal reseating relief valve protects against over-pressurization.
- + Sintered filter inlet for additional safety and longer life.
- + The standard 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

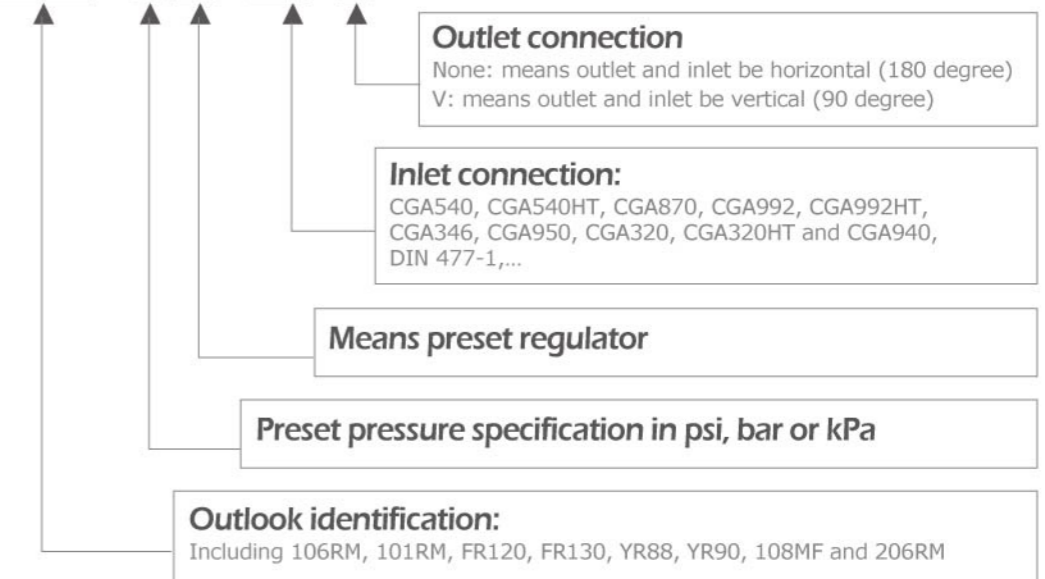
HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: 106RM- XXPS- XX- XX

① ② ③ ④ ⑤

106RM - 50 PS - 540 - V



SPECIFICATIONS:

Model	Gas	Inlet Connection
106RM-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
106RM-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
106RM-50PS-870(-V)	OXYGEN	CGA-870 Yoke
106RM-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
106RM-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
106RM-50PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
106RM-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
106RM-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
106RM-50PS-910(-V)	N2O	CGA-910 Yoke
106RM-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
106RM-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
106RM-50PS-940(-V)	CO2	CGA-940 Yoke
106RM-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
106RM-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
106RM-50PS-960(-V)	Nitrogen	CGA-960 Yoke
106RM-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
106RM-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
106RM-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
106RM-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
106RM-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
106RM-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
106RM-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
106RM-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
106RM-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple

HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: **101RM-XXPS-XX-XX**

① ② ③ ④ ⑤

101RM - PS SERIES

Single stage / Diaphragm type / Preset regulators

PRESET REGULATORS



101RM-50PS-540



CGA-992HT



CGA-870

101RM - 50 PS - 540 - V

Outlet connection

None: means outlet and inlet be horizontal (180 degree)
V: means outlet and inlet be vertical (90 degree)

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means preset regulator

Preset pressure specification in psi, bar or kPa

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Inlet Connection
101RM-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
101RM-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
101RM-50PS-870(-V)	OXYGEN	CGA-870 Yoke
101RM-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
101RM-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
101RM50PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
101RM-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
101RM-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
101RM-50PS-910(-V)	N2O	CGA-910 Yoke
101RM-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
101RM-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
101RM-50PS-940(-V)	CO2	CGA-940 Yoke
101RM-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
101RM-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
101RM-50PS-960(-V)	Nitrogen	CGA-960 Yoke
101RM-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
101RM-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
101RM-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
101RM-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
101RM-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
101RM-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
101RM-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
101RM-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
101RM-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Chromed Forged brass flow meter body for durability is also available.
- + Neoprene diaphragm type.
- + Reliable external safety relief valve.
- + Sintered filter inlet for additional safety and longer life.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Horizontal or Vertical outlet connections are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

FR120-PS SERIES

Single stage / Diaphragm type / Preset regulators



FR120-50PS-540



CGA-992HT

CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm type.
- + Reliable external safety relief valve.
- + Sintered filter inlet for additional safety and longer life.
- + Horizontal or Vertical outlet connections are available.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + The standard preset outlet pressure is 2kg/cm² or 2 Bar for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

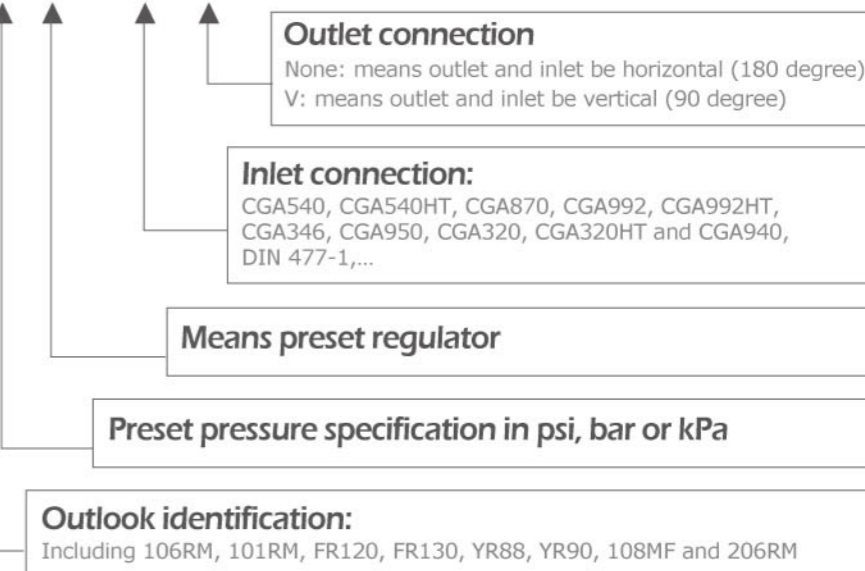
HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: FR120- XXPS- XX- XX

① ② ③ ④ ⑤

FR120 - 50 PS - 540 - V



SPECIFICATIONS:

Model	Gas	Inlet Connection
FR120-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
FR120-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
FR120-50PS-870(-V)	OXYGEN	CGA-870 Yoke
FR120-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
FR120-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
FR12050PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
FR120-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
FR120-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
FR120-50PS-910(-V)	N2O	CGA-910 Yoke
FR120-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
FR120-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
FR120-50PS-940(-V)	CO2	CGA-940 Yoke
FR120-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
FR120-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
FR120-50PS-960(-V)	Nitrogen	CGA-960 Yoke
FR120-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
FR120-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
FR120-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
FR120-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
FR120-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
FR120-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
FR120-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
FR120-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
FR120-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple



FR130-PS SERIES

Diaphragm type / Preset regulators

PRESET REGULATORS



FR130-50PS-992HT



CGA-540



CGA-870

FEATURES:

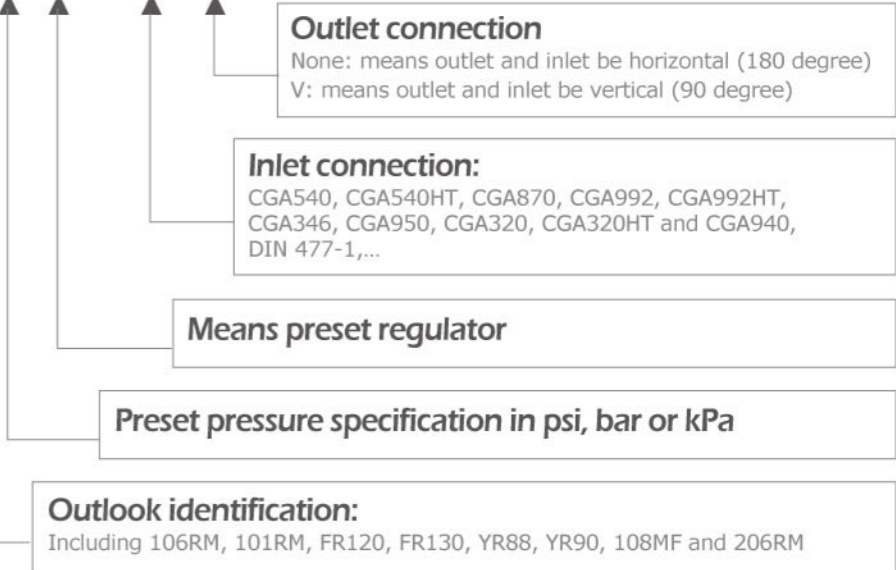
- + Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE).
- + Both high pressure chamber for durability & Reliable external safety relief valve on rear for safety.
- + Diaphragm type.
- + Sintered filter inlet for additional safety and longer life.
- + Various gauge plate design: 2" diameter Inlet pressure gauges 0~4000psi by UL approved.
- + Horizontal or Vertical outlet connections are available.
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: FR130- XXPS- XX- XX
① ② ③ ④ ⑤

FR130 - 50 PS - 540 - V



SPECIFICATIONS:

Model	Gas	Inlet Connection
FR130-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
FR130-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
FR130-50PS-870(-V)	OXYGEN	CGA-870 Yoke
FR130-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
FR130-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
FR130-50PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
FR130-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
FR130-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
FR130-50PS-910(-V)	N2O	CGA-910 Yoke
FR130-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
FR130-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
FR130-50PS-940(-V)	CO2	CGA-940 Yoke
FR130-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
FR130-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
FR130-50PS-960(-V)	Nitrogen	CGA-960 Yoke
FR130-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
FR130-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
FR130-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
FR130-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
FR130-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
FR130-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
FR130-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
FR130-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
FR130-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple

HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: YR88- XXPS- XX- XX

① ② ③ ④ ⑤

YR88 - 50 PS - 540 - V

Outlet connection

None: means outlet and inlet be horizontal (180 degree)
V: means outlet and inlet be vertical (90 degree)

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means preset regulator

Preset pressure specification in psi, bar or kPa

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Inlet Connection
YR88-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
YR88-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
YR88-50PS-870(-V)	OXYGEN	CGA-870 Yoke
YR88-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
YR88-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
YR88-50PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
YR88-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
YR88-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
YR88-50PS-910(-V)	N2O	CGA-910 Yoke
YR88-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
YR88-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
YR88-50PS-940(-V)	CO2	CGA-940 Yoke
YR88-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
YR88-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
YR88-50PS-960(-V)	Nitrogen	CGA-960 Yoke
YR88-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
YR88-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
YR88-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
YR88-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
YR88-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
YR88-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
YR88-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
YR88-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
YR88-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple

YR88 - PS SERIES

Single stage / Piston type / Preset regulators

PRESET REGULATORS



YR88-50PS-540



CGA-992HT



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Piston type.
- + Reliable external safety relief valve on rear.
- + Sintered filter inlet for additional safety and longer life.
- + 2" diameter Inlet pressure gauges 0~315 bar EN837-1(CE) or 0~315kg (JIS).
- + The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

YR90-PS SERIES

Single stage / Piston type / Preset regulators



YR90-50PS-992HT



CGA-540



CGA-870

FEATURES:

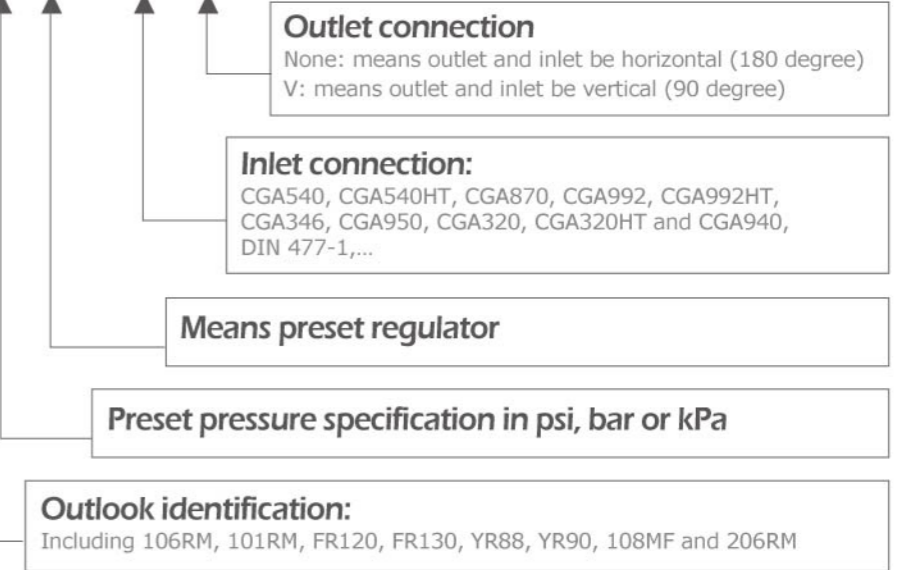
- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed forged brass body for durable and compact.
- + Piston type.
- + Reliable external safety relief valve on rear.
- + Sintered filter inlet for additional safety and longer life.
- + 1.5" diameter Inlet pressure gauges 0~315 bar EN837-1(CE) or 0~315kg (JIS).
- + The standard preset outlet pressure is 50psi(ANSI) or 4 bar (CE) for stabilizing and accuracy flowing.
- + USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER:

Type Designation System for PS series Preset Regulators

Example: YR90- XXPS- XX- XX
① ② ③ ④ ⑤

YR90 - 50 PS - 540 - V



SPECIFICATIONS:

Model	Gas	Inlet Connection
YR90-50PS-540(-V)	OXYGEN	CGA-540 Nut and Nipple
YR90-50PS-540HT(-V)	OXYGEN	CGA-540 Handtight Nut and Nipple
YR90-50PS-870(-V)	OXYGEN	CGA-870 Yoke
YR90-50PS-346(-V)	MEDICAL AIR	CGA-346 Nut and Nipple
YR90-50PS-346HT(-V)	MEDICAL AIR	CGA-346 Handtight Nut and Nipple
YR90-50PS-950(-V)	MEDICAL AIR	CGA-950 Yoke
YR90-50PS-326(-V)	N2O	CGA-326 Nut and Nipple
YR90-50PS-326HT(-V)	N2O	CGA-326 Handtight Nut and Nipple
YR90-50PS-910(-V)	N2O	CGA-910 Yoke
YR90-50PS-320(-V)	CO2	CGA-320 Nut and Nipple
YR90-50PS-320HT(-V)	CO2	CGA-320 Handtight Nut and Nipple
YR90-50PS-940(-V)	CO2	CGA-940 Yoke
YR90-50PS-580(-V)	Nitrogen	CGA-580 Nut and Nipple
YR90-50PS-580HT(-V)	Nitrogen	CGA-580 Handtight Nut and Nipple
YR90-50PS-960(-V)	Nitrogen	CGA-960 Yoke
YR90-50PS-280(-V)	Medical Gas Mixtures	CGA-280 Nut and Nipple
YR90-50PS-280HT(-V)	Medical Gas Mixtures	CGA-280 Handtight Nut and Nipple
YR90-50PS-500(-V)	Medical Gas Mixtures	CGA-500 Nut and Nipple
YR90-50PS-500HT(-V)	Medical Gas Mixtures	CGA-500 Handtight Nut and Nipple
YR90-50PS-880(-V)	Medical Gas Mixtures	CGA-880 Yoke
YR90-50PS-890(-V)	Medical Gas Mixtures	CGA-890 Yoke
YR90-50PS-930(-V)	Medical Gas Mixtures	CGA-930 Yoke
YR90-50PS-580(-V)	Medical Helium	CGA-580 Nut and Nipple
YR90-50PS-580HT(-V)	Medical Helium	CGA-580 Handtight Nut and Nipple



106RM-P SERIES

Single stage / Diaphragm type / Adjustable pressure regulators

ADJUSTABLE PRESET REGULATORS



106RM-50P-540



CGA-870

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Neoprene diaphragm with internal reseating relief valve protects against over-pressurization.
- + Sintered filter inlet for additional safety and longer life.
- + The standard 2" diameter Inlet pressure gauge 0~4000psi by UL approved and outlet pressure gauge marked UR, 0~50psi or 0~100psi.
- + USA and international standard Inlet and outlet thread sizes are available.

HOW TO ORDER:

Type Designation System for P series Pressure Regulators

Example: 106RM-XXP-XX-XX

① ② ③ ④ ⑤

106RM - 50 P - 540 - xx

Outlet connection

00 : Male 9/16" 03 : Male M12
01 : Male BSP 3/8" 04 : Male M16
02 : Male G1/4" and so on

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means adjustable regulator

Max outlet delivery pressure specification, 50psi, 100psi in psi, bar or kPa

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Flow Range (Psi)	Inlet Connection
106RM-50P-540	OXYGEN	0~50	CGA-540 Nut and Nipple
106RM-50P-992	OXYGEN	0~50	CGA-992 Nut and Nipple
106RM-50P-870	OXYGEN	0~50	CGA-870 Yoke
106RM-100P-540	OXYGEN	0~100	CGA-540 Nut and Nipple
106RM-100P-992	OXYGEN	0~100	CGA-992 Nut and Nipple
106RM-100P-870	OXYGEN	0~100	CGA-870 Yoke
106RM-50P-346	MEDICAL AIR	0~50	CGA-346 Nut and Nipple
106RM-50P-950	MEDICAL AIR	0~50	CGA-950 Yoke
106RM-100P-346	MEDICAL AIR	0~100	CGA-346 Nut and Nipple
106RM-100P-950	MEDICAL AIR	0~100	CGA-950 Yoke
106RM-50P-326	N2O	0~50	CGA-326 Nut and Nipple
106RM-50P-910	N2O	0~50	CGA-910 Yoke
106RM-100P-326	N2O	0~100	CGA-326 Nut and Nipple
106RM-100P-910	N2O	0~100	CGA-910 Yoke
106RM-100P-320	CO2	0~100	CGA-320 Nut and Nipple
106RM-100P-940	CO2	0~100	CGA-940 Yoke
106RM-100P-580	Nitrogen	0~100	CGA-580 Nut and Nipple
106RM-100P-960	Nitrogen	0~100	CGA-960 Yoke
106RM-100P-500	Medical Gas Mixtures	0~100	CGA-500 Nut and Nipple
106RM-100P-580	Medical Helium	0~100	CGA-580 Nut and Nipple

HOW TO ORDER:

Type Designation System for P series Pressure Regulators

Example: 206RM- ^①XXP- ^{②③④}XX- ^⑤XX

206RM-P SERIES

Two stage / Diaphragm type / Adjustable pressure regulators

ADJUSTABLE PRESSURE REGULATORS



206RM-50P-540



CGA-870

206RM - 50 P - 540 - xx

Outlet connection

00 : Male 9/16" 03 : Male M12
01 : Male BSP 3/8" 04 : Male M16
02 : Male G1/4" and so on

Inlet connection:

CGA540, CGA540HT, CGA870, CGA992, CGA992HT, CGA346, CGA950, CGA320, CGA320HT and CGA940, DIN 477-1,...

Means adjustable regulator

Max outlet delivery pressure specification, 50psi, 100psi in psi, bar or kPa

Outlook identification:

Including 106RM, 101RM, FR120, FR130, YR88, YR90, 108MF and 206RM

SPECIFICATIONS:

Model	Gas	Flow Range (Psi)	Inlet Connection
206RM-50P-540	OXYGEN	0~50	CGA-540 Nut and Nipple
206RM-50P-992	OXYGEN	0~50	CGA-992 Nut and Nipple
206RM-50P-870	OXYGEN	0~50	CGA-870 Yoke
206RM-100P-540	OXYGEN	0~100	CGA-540 Nut and Nipple
206RM-100P-992	OXYGEN	0~100	CGA-992 Nut and Nipple
206RM-100P-870	OXYGEN	0~100	CGA-870 Yoke
206RM-50P-346	MEDICAL AIR	0~50	CGA-346 Nut and Nipple
206RM-50P-950	MEDICAL AIR	0~50	CGA-950 Yoke
206RM-100P-346	MEDICAL AIR	0~100	CGA-346 Nut and Nipple
206RM-100P-950	MEDICAL AIR	0~100	CGA-950 Yoke
206RM-50P-326	N2O	0~50	CGA-326 Nut and Nipple
206RM-50P-910	N2O	0~50	CGA-910 Yoke
206RM-100P-326	N2O	0~100	CGA-326 Nut and Nipple
206RM-100P-910	N2O	0~100	CGA-910 Yoke
206RM-100P-320	CO2	0~100	CGA-320 Nut and Nipple
206RM-100P-940	CO2	0~100	CGA-940 Yoke
206RM-100P-580	Nitrogen	0~100	CGA-580 Nut and Nipple
206RM-100P-960	Nitrogen	0~100	CGA-960 Yoke
206RM-100P-500	Medical Gas Mixtures	0~100	CGA-500 Nut and Nipple
206RM-100P-580	Medical Helium	0~100	CGA-580 Nut and Nipple

FEATURES:

- + Maximum inlet pressure 3000psi (ANSI) / 210bar (CE).
- + Chromed plated brass body with all brass high pressure chamber for durability & safety.
- + Two-stage design for flow control accuracy purpose such as calibration and testing.
- + First stage reduces high pressure to 170psi; second stage reduces to provide greater accuracy at lower flow settings.
- + Sintered filter inlet for additional safety and longer life.
- + The standard 2" diameter Inlet pressure gauge 0~4000psi by UL approved and outlet . pressure gauge marked UR, 0~50psi or 100psi.
- + USA and international standard Inlet and outlet thread sizes are available.

MF SERIES

EMS Regulators



208MF-25LM-870



108MF-25LM-870



208MF-25LM-992HT

FEATURES:

- + Maximum inlet pressure 2000psi (ANSI) / 140bar (CE).
- + The standard preset outlet pressure is 50psi (ANSI), 4bar (CE) for stabilizing and accuracy flowing.
- + Needle valve design for continuous flow.
- + Light-weight aluminum body.
- + Piston Type.
- + Viton® and silicone o-rings.
- + 1-1/2" diameter gauge.
- + Sintered filter for additional safety and to extend regulator life.
- + Overall dimensions: 6" long x 1.5" OD and 1.5" diameter gauge.
- + USA and international standard inlet and outlet thread sizes are available.

SPECIFICATIONS:

Model	Flow selection (LPM)	Inlet Connection	Outlet Connection	Preset Pressure
208MF-4B-540		CGA 540	with dual power take-offs	50psi (4bar)
208MF-25LM-540	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 540	with dual power take-offs and barb outlet	50psi (4bar)
208MF-25LM-992HT	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 992 (hand tight)	with dual power take-offs and barb outlet	50psi (4bar)
108MF-15LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	CGA 870 (pin index)	with barb outlet	50psi (4bar)
208MF-15LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	CGA 870 (pin index)	with dual power take-offs and barb outlet	50psi (4bar)
108MF-25LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 870 (pin index)	with barb outlet	50psi (4bar)
208MF-25LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 870 (pin index)	with dual power take-offs and barb outlet	50psi (4bar)
208MF-4B-870		CGA 870 (pin index)	with dual power take-offs	50psi (4bar)

MFB SERIES

EMS Regulators



208MFB-25LM-870



108MFB-25LM-870



208MFB-25LM-992HT

FEATURES:

- + All brass construction in high pressure, low pressure and relief zones.
- + Durable and easy to grip flow selector.
- + The specialty drilled orifices provide superior liter flow accuracy of 12 Flow Selections.
- + Brass internal components - no aluminum wetted by high pressure oxygen.
- + Durable and secure flow controller made of brass.
- + Hose barb secured using robust thread to reduce chance of breakage.
- + Viton® and silicone o-rings.
- + Inlet pressure: 500-3000 psi.
- + Max Outlet flow: 180 LPM.
- + Sintered filter inlet and outlet for additional safety and longer life.
- + Overall dimensions: 6" long x 1.5" OD and 1.5" diameter gauge.
- + USA international standard inlet and outlet thread sizes are available.

SPECIFICATIONS:

Model	Flow selection (LPM)	Inlet Connection	Outlet Connection	Preset Pressure
208MFB-4B-540		CGA 540	with dual power take-offs	50psi (4bar)
208MFB-25LM-540	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 540	with dual power take-offs and barb outlet	50psi (4bar)
208MFB-25LM-992HT	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 992 (hand tight)	with dual power take-offs and barb outlet	50psi (4bar)
108MFB-15LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	CGA 870 (pin index)	with barb outlet	50psi (4bar)
208MFB-15LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15	CGA 870 (pin index)	with dual power take-offs and barb outlet	50psi (4bar)
108MFB-25LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 870 (pin index)	with barb outlet	50psi (4bar)
208MFB-25LM-870	0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 15, 25	CGA 870 (pin index)	with dual power take-offs and barb outlet	50psi (4bar)
208MFB-4B-870		CGA 870 (pin index)	with dual power take-offs	50psi (4bar)



800 SERIES

Tube type (Forged Body) / Medical flowmeter for regulators

TUBE FLOWMETERS



FEATURES:

- + Chrome-plated forged brass body construction for durability.
- + Precision engineered pressure un-compensated design accurately measures from 0~10 LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Calibrated at 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure.
- + Plastic outlet flow control valve vertical (90°) to inlet connection.
- + Sintered filter for additional safety and longer life.
- + USA Full lines connections and international standard inlet and outlet thread sizes are available.

SPECIFICATIONS:

Model	Gas	Max. Calibrated Flow (LPM)	Inlet Connection	Outlet Connection
800-OX-15-M4-9/16	OXYGEN	0~15 LPM	Male 1/4"NPT (M4)	Male 9/16"
800-OX-15-M4-G1/4	OXYGEN	0~15 LPM	Male 1/4"NPT (M4)	G1/4"
800-OX-15-M4-G3/8	OXYGEN	0~15 LPM	Male 1/4"NPT (M4)	Male G3/8"
800-OX-15-M4-M12	OXYGEN	0~15 LPM	Male 1/4"NPT (M4)	M12
800-OX-15-M4-M16	OXYGEN	0~15 LPM	Male 1/4"NPT (M4)	M16
800-OX-15-FG3/8-G3/8	OXYGEN	0~15 LPM	Female G3/8" (G3/8)	Male G3/8"
800-OX-10-M4-9/16	OXYGEN	0~10 LPM	Male 1/4"NPT (M4)	Male 9/16"
800-OX-10-M4-G1/4	OXYGEN	0~10 LPM	Male 1/4"NPT (M4)	G1/4"
800-OX-10-M4-G3/8	OXYGEN	0~10 LPM	Male 1/4"NPT (M4)	Male G3/8"
800-OX-10-M4-M12	OXYGEN	0~10 LPM	Male 1/4"NPT (M4)	M12
800-OX-10-M4-M16	OXYGEN	0~10 LPM	Male 1/4"NPT (M4)	M16
800-OX-10-FG3/8-G3/8	OXYGEN	0~10 LPM	Female G3/8" (G3/8)	Male G3/8"
800-AI-15-XX-XX	MEDICAL AIR	0~15 LPM	Option	Option
800-AI-10-XX-XX	MEDICAL AIR	0~10 LPM	Option	Option
800-CO-15-XX-XX	CO ₂	0~15 LPM	Option	Option
800-N ₂ -15-XX-XX	N ₂ O	0~15 LPM	Option	Option
800-HE-15-XX-XX	Medical Helium	0~15 LPM	Option	Option



801 SERIES

Tube type / Medical flowmeters for regulators



FEATURES:

- + Chrome-plated brass body construction for durability.
- + Precision engineered pressure un-compensated design accurately measures from 0~10LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Calibrated at 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure.
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + USA full lines connections and international standard inlet and outlet thread sizes are available.

SPECIFICATIONS:

Model	Gas	Max.Calibrated Flow LPM(1/min)	Inlet Connection	Outlet Connection
801-OX-15-M4-9/16	OXYGEN	0~15	Male 1/4"NPT (M4)	Male 9/16"
801-OX-15-M4-G1/4	OXYGEN	0~15	Male 1/4"NPT (M4)	G1/4"
801-OX-10-M4-G3/8	OXYGEN	0~15	Male 1/4"NPT (M4)	Male G3/8"
801-OX-15-M4-M12	OXYGEN	0~15	Male 1/4"NPT (M4)	M12
801-OX-10-M4-M16	OXYGEN	0~15	Male 1/4"NPT (M4)	M16
801-OX-15-FG3/8-G3/8	OXYGEN	0~15	Female G3/8" (G3/8)	Male G3/8"
801-OX-10-M4-9/16	OXYGEN	0~10	Male 1/4"NPT (M4)	Male 9/16"
801-OX-10-M4-G1/4	OXYGEN	0~10	Male 1/4"NPT (M4)	G1/4"
801-OX-10-M4-G3/8	OXYGEN	0~10	Male 1/4"NPT (M4)	Male G3/8"
801-OX-10-M4-M12	OXYGEN	0~10	Male 1/4"NPT (M4)	M12
801-OX-10-M4-M16	OXYGEN	0~10	Male 1/4"NPT (M4)	M16
801-OX-10-FG3/8-G3/8	OXYGEN	0~10	Female G3/8" (G3/8)	Male G3/8"
801-AI-15-XX-XX	MEDICAL AIR	0~15	Option	Option
801-AI-10-XX-XX	MEDICAL AIR	0~10	Option	Option
801-CO-15-XX-XX	CO ₂	0~15	Option	Option
801-N ₂ -15-XX-XX	N ₂ O	0~15	Option	Option
801-HE-15-XX-XX	Medical Helium	0~15	Option	Option

802 SERIES

Tube Type / Medical flowmeters with quick-connect Adaptors



FEATURES:

- + Chrome-plated brass body construction for durability.
- + Precision engineered pressure un-compensated design accurately measures from 0~10LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Calibrated at 4bar (58psi) 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure.
- + Metal Outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + USA full lines connections and international standard inlet and outlet thread sizes are available.

HOW TO ORDER:

802xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connectorHumidifier,mask,...)

Outlet Connection:
9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:
AM:Australian Male GM:Germany Male
BP:British Probe JM:Japanese Male
CM:Chemetron Male M2:1/8"MNPT
DH:Diss Handtight M4:1/4"MNPT
DM:Diss Male MM:Medsta Male
DN:Diss Nut and Nipple XM:Oxequip Male
F2:1/8"FNPT OM:Ohmeda Male
F4:1/4"FNPT PM:Puritan Male
FM:French Male SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)
15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type: OX : Oxygen CO : CO₂
AI : Medical Air HE : Helium
N₂ : N₂O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

805 SERIES

Tube type / Medical single flowmeter with quick-connect adaptor



FEATURES:

- + Chrome-plated brass body construction for HIGH durability with color green coded. Other colors are also available.
- + Precision engineered pressure compensated design accurately measures from 0~3LPM, 0~8LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- + Calibrated at 4 bar (58psi or 400kPa) , 50psi (3.5kg/cm²) are also available.
- + Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with) ISO 15002:2008.
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- + USA Full lines connections and international standard inlet are also available.
- + CE0434, FDA & GMP approved

HOW TO ORDER:

805xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connector/Humidifier,mask,...)

Outlet Connection:
9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:
AM:Australian Male GM:Germany Male
BP:British Probe JM:Japanese Male
CM:Chemetron Male M2:1/8"MNPT
DH:Diss Handtight M4:1/4"MNPT
DM:Diss Male MM:Medsta Male
DN:Diss Nut and Nipple XM:Oxequip Male
F2:1/8"FNPT OM:Ohmeda Male
F4:1/4"FNPT PM:Puritan Male
FM:French Male SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)
15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

806 SERIES

Tube type / Medical single flowmeter with quick-connect adaptor



FEATURES:

- + Aluminum body construction for Compact and with color green coded. Other colors are also available.
- + Precision engineered pressure compensated design accurately measures from 0~3LPM, 0~8LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- + Calibrated at 4 bar (58psi or 400kPa) , 50psi (3.5kg/cm²) are also available.
- + Flow accuracy +/- 10% of the indicated value or 0.5LPM.
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- + USA full lines connections and international standard Inlet are also available.

HOW TO ORDER:

806xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connector/Humidifier,mask,...)

Outlet Connection:
9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:
AM:Australian Male GM:Germany Male
BP:British Probe JM:Japanese Male
CM:Chemetron Male M2:1/8"MNPT
DH:Diss Handtight M4:1/4"MNPT
DM:Diss Male MM:Medsta Male
DN:Diss Nut and Nipple XM:Oxequip Male
F2:1/8"FNPT OM:Ohmeda Male
F4:1/4"FNPT PM:Puritan Male
FM:French Male SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)
15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

808 SERIES

Tube type / Medical flowmeter with quick-connect adaptor



FEATURES:

- + The flowmeter selector has been designed to save time and O₂.
- + Chrome-plated brass body construction for HIGH durability with color green coded. Other colors are also available.
- + Precision engineered pressure compensated design accurately measures from 0~3LPM, 0~8LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- + Calibrated at 4 bar(58psi or 400kPa), 50psi (3.5kg/cm²) are also available.
- + Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with ISO 15002:2008).
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- + USA full lines connections and international standard inlet are also available.

HOW TO ORDER:

808xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET"mean the whole set including the combination of accessories (Swivel 4~6 bard connectorHumidifier,mask,...)

Outlet Connection:

9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:

AM:Australian Male	GM:Germany Male
BP:British Probe	JM:Japanese Male
CM:Chemetron Male	M2:1/8"MNPT
DH:Diss Handtight	M4:1/4"MNPT
DM:Diss Male	MM:Medsta Male
DN:Diss Nut and Nipple	XM:Oxequip Male
F2:1/8"FNPT	OM:Ohmeda Male
F4:1/4"FNPT	PM:Puritan Male
FM:French Male	SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)

15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type:

OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:

None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

822 SERIES

Tube type / Medical double flowmeters with quick-connect adaptor



FEATURES:

- + Double flowmeters type.
- + Chrome-plated brass body construction for durability.
- + Precision engineered pressure un-compensated design accurately measures from 0~10 LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes provide greater accuracy, durability & safety.
- + Calibrated at 4 bar (58psi), 50psi (3.5kg/cm²) or at 22psi (1.5kg/cm²) inlet pressure.
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + USA full lines connections and international standard inlet and outlet thread sizes are available.

HOW TO ORDER:

822xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET"mean the whole set including the combination of accessories (Swivel 4~6 bard connectorHumidifier,mask,...)

Outlet Connection:

9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:

AM:Australian Male	GM:Germany Male
BP:British Probe	JM:Japanese Male
CM:Chemetron Male	M2:1/8"MNPT
DH:Diss Handtight	M4:1/4"MNPT
DM:Diss Male	MM:Medsta Male
DN:Diss Nut and Nipple	XM:Oxequip Male
F2:1/8"FNPT	OM:Ohmeda Male
F4:1/4"FNPT	PM:Puritan Male
FM:French Male	SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)

15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type:

OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:

None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

825 SERIES

Tube type / Medical double flowmeters with quick-connect adaptor

826 SERIES

Tube type / Medical double flowmeters with quick-connect adaptor



FEATURES:

- + Double flowmeters type.
- + Chrome-plated brass body construction for HIGH durability with color green coded. Other colors are also available.
- + Precision engineered pressure compensated design accurately measures from 0~3LPM 0~8LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- + Calibrated at 4 bar (58psi or 400kPa), 50psi (3.5kg/cm²) are also available.
- + Flow accuracy +/- 10% of the indicated value or 0.5LPM. (In accordance with ISO 15002:2008).
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- + USA full lines connections and international standard inlet are also available.



FEATURES:

- + Double flowmeters type.
- + Aluminum body construction for compact and with color green coded. Other colors are also available.
- + Precision engineered pressure compensated design accurately measures from 0~3 LPM, 0~8LPM or 0~15LPM.
- + Polycarbonate inner and outer tubes with relief valve provide greater durability & safety.
- + Calibrated at 4 bar(58psi or 400kPa), 50psi (3.5kg/cm²) are also available.
- + Flow accuracy +/- 10% of the indicated value or 0.5LPM.
- + Metal outlet flow control valve vertical (90°) or horizontal (180°) to inlet connection are available.
- + Sintered filter for additional safety and longer life.
- + Standard male DISS (Nebuliser) outlet thread. Other outlet thread sizes are available.
- + USA full lines connections and international standard inlet are also available.

HOW TO ORDER:

825xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connectorHumidifier,mask,...)

Outlet Connection:
9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:
AM:Australian Male GM:Germany Male
BP:British Probe JM:Japanese Male
CM:Chemetron Male M2:1/8"MNPT
DH:Diss Handtight M4:1/4"MNPT
DM:Diss Male MM:Medsta Male
DN:Diss Nut and Nipple XM:Oxequip Male
F2:1/8"FNPT OM:Ohmeda Male
F4:1/4"FNPT PM:Puritan Male
FM:French Male SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)
15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

HOW TO ORDER:

826xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connectorHumidifier,mask,...)

Outlet Connection:
9/16:Male 9/16" M12:Male M12
G3/8:Male G3/8" M16:Male M16
G1/4:Male G1/4" TN:Nipple connection

Inlet connection:
AM:Australian Male GM:Germany Male
BP:British Probe JM:Japanese Male
CM:Chemetron Male M2:1/8"MNPT
DH:Diss Handtight M4:1/4"MNPT
DM:Diss Male MM:Medsta Male
DN:Diss Nut and Nipple XM:Oxequip Male
F2:1/8"FNPT OM:Ohmeda Male
F4:1/4"FNPT PM:Puritan Male
FM:French Male SM:Schrader Male

Click Flowmeter Type:(Liters per minute LPM)
15:15LPM 08:8LPM 03:3LPM 01:1LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

MFC803 SERIES

Click type / Medical flowmeter with quick-connect adaptor



FEATURES:

- + Click type (Dial style) / single flowmeter.
- + Precision engineered accurately measures from 0~4LPM, 0~8LPM, 0~15LPM or 0~25LPM.
- + Calibrated at 4 bar (60psi) inlet or Calibrated at 3.5 bar (50psi) inlet also available.
- + Optional power take-off units provide 4 bar (60psi) or 3.5 bar (50psi) additional outlet pressure.
- + USA full lines inlet connections and international standard inlet and outlet thread sizes are available.
- + CE0434, FDA & GMP approved .

SPECIFICATIONS:

MFC803xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connector, Humidifier, mask,...)

Outlet Connection:
9/16: Male 9/16" M12: Male M12
G3/8: Male G3/8" M16: Male M16
G1/4: Male G1/4" TN: Nipple connection

Inlet connection:

AM: Australian Male	GM: Germany Male
BP: British Probe	JM: Japanese Male
CM: Chemetron Male	M2: 1/8" MNPT
DH: Diss Handtight	M4: 1/4" MNPT
DM: Diss Male	MM: Medsta Male
DN: Diss Nut and Nipple	XM: Oxequip Male
F2: 1/8" FNPT	OM: Ohmeda Male
F4: 1/4" FNPT	PM: Puritan Male
FM: French Male	SM: Schrader Male

Click Flowmeter Type:(Liters per minute LPM)

25: 25LPM	08: 8LPM
15: 15LPM	04: 4LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

MFC823 SERIES

Click type / Medical double flowmeters with quick-connect adaptor



FEATURES:

- + Click type (Dial style) / double flowmeters.
- + Precision engineered accurately measures from 0~4LPM, 0~8LPM, 0~15LPM or 0~25LPM.
- + Calibrated at 4 bar (60psi) inlet or Calibrated at 3.5 bar (50psi) inlet also available.
- + Optional power take-off units provide 4 bar (60psi) or 3.5 bar (50psi) additional outlet pressure.
- + USA full lines inlet connections and international standard inlet and outlet thread sizes are available.
- + CE0434, FDA & GMP approved .

HOW TO ORDER:

MFC823xP - OX - 15 - xx - xx - SET

SET identification:(see page 58)
"SET" mean the whole set including the combination of accessories (Swivel 4~6 bard connector, Humidifier, mask,...)

Outlet Connection:
9/16: Male 9/16" M12: Male M12
G3/8: Male G3/8" M16: Male M16
G1/4: Male G1/4" TN: Nipple connection

Inlet connection:

AM: Australian Male	GM: Germany Male
BP: British Probe	JM: Japanese Male
CM: Chemetron Male	M2: 1/8" MNPT
DH: Diss Handtight	M4: 1/4" MNPT
DM: Diss Male	MM: Medsta Male
DN: Diss Nut and Nipple	XM: Oxequip Male
F2: 1/8" FNPT	OM: Ohmeda Male
F4: 1/4" FNPT	PM: Puritan Male
FM: French Male	SM: Schrader Male

Click Flowmeter Type:(Liters per minute LPM)

25: 25LPM	08: 8LPM
15: 15LPM	04: 4LPM

Gas Type: OX : Oxygen CO : CO2
AI : Medical Air HE : Helium
N2 : N2O

Outlook identification:
None : means inlet and flow control valve be horizontal (180°)
V : means inlet and flow control valve be vertical (90°)
Add "P" last : means including Power Take-off (see page 42)

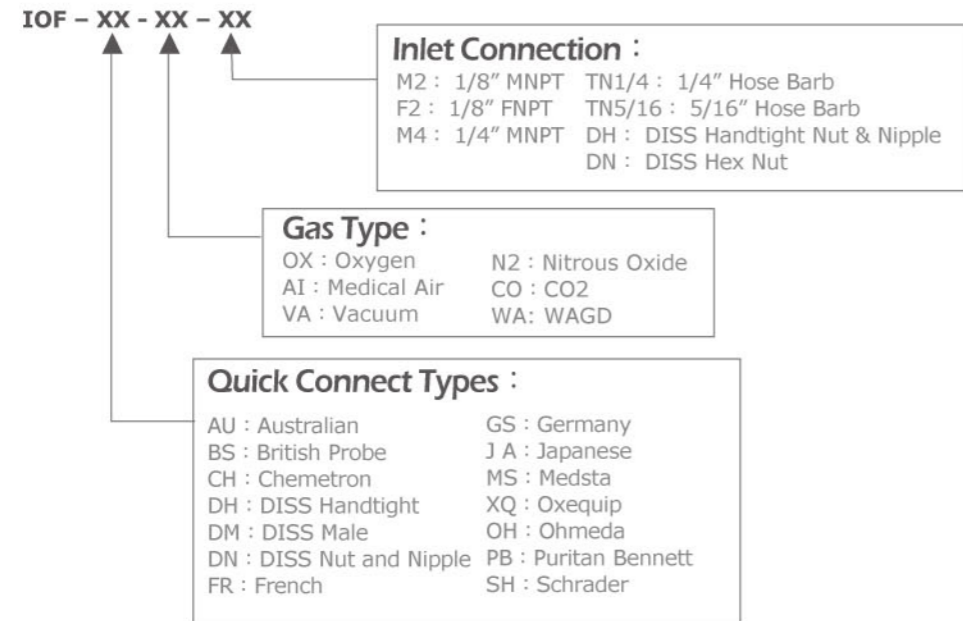


IOF SERIES

Quick connects & adaptors

HOW TO ORDER:

Type Designation System for IOF Series Quick Connects & Adaptor for Medical Products
Example:



Medical Color coded :

U.S.A Standard	For ISO color coding
■ : Oxygen	■ GRN : Green
■ : Medical Air	■ YLW : Yellow
□ : Vacuum/ Suction	□ WHI : White
■ : Nitrous Oxide	■ BLU : Blue
■ : Nitrogen	■ BLK : Black
■ : Helium	■ BRN : Brown
■ : Carbon Dioxide	■ GRY : Gray

Standard color is US Standard.
For other types of ISO color, please contact with us.

NOTE:
Puritan Bennett not available in CO2. Schrader not available in CO2 and WAGD. Medstar not available in CO2 and WAG
Oxequip not available in CO2 and WAGD.

SPECIFICATIONS:

Model	Gases	Connections	IOXYGEN Code
	OXYGEN	1/8" NPT Male	IOF-OH-OX-M2
	Medical air	1/8" NPT Male	IOF-OH-AI-M2
	Vacuum	1/8" NPT Male	IOF-OH-VA-M2
	Nitrous Oxide	1/8" NPT Male	IOF-OH-N2-M2
	WAGD	1/8" NPT Male	IOF-OH-WA-M2
	Oxygen	1/4" Hose Barb	IOF-OH-OX-TN1/4
	Medical air	1/4" Hose Barb	IOF-OH-AI-TN1/4
	Vacuum	5/16" Horse Barb	IOF-OH-VA-TN1/4
	Nitrous Oxide	1/4" Hose Barb	IOF-OH-N2-TN1/4
	WAGD	5/16" Horse Barb	IOF-OH-WA-TN5/16
	Oxygen	1/8" NPT Male	IOF-DM-OX-M2
	Medical air	1/8" NPT Male	IOF-DM-AI-M2
	Vacuum	1/8" NPT Male	IOF-DM-VA-M2
	Nitrous Oxide	1/8" NPT Male	IOF-DM-N2-M2
	WAGD	1/8" NPT Male	IOF-DM-WA-M2
	Carbon dioxide	1/8" NPT Male	IOF-DM-CO-M2
	Nitrogen	1/8" NPT Male	IOF-DM-NI-M2
	Oxygen	1/4" Hose Barb	IOF-DN-OX-TN1/4
	Medical air	1/4" Hose Barb	IOF-DN-AI-TN1/4
	Vacuum	5/16" Hose Barb	IOF-DN-VA-TN5/16
	Nitrous Oxide	1/4" Hose Barb	IOF-DN-N2-TN1/4
	WAGD	5/16" Hose Barb	IOF-DN-WA-TN5/16
	Carbon dioxide	1/4" Hose Barb	IOF-DN-CO-TN1/4
	Nitrogen	1/4" Hose Barb	IOF-DN-NI-TN1/4
	Oxygen	1/8" NPT Male	IOF-DH-OX-M2
	Medical air	1/8" NPT Male	IOF-DH-AI-M2
	Vacuum	1/8" NPT Male	IOF-DH-VA-M2
	Nitrous Oxide	1/8" NPT Male	IOF-DH-N2-M2
	WAGD	1/8" NPT Male	IOF-DH-WA-M2
	Carbon dioxide	1/8" NPT Male	IOF-DH-CO-M2
	Nitrogen	1/8" NPT Male	IOF-DH-NI-M2
	Oxygen	1/4" Hose Barb	IOF-DH-OX-TN1/4
	Medical air	1/4" Hose Barb	IOF-DH-AI-TN1/4
	Vacuum	5/16" Hose Barb	IOF-DH-VA-TN5/16
	Nitrous Oxide	1/4" Hose Barb	IOF-DH-N2-TN1/4
	WAGD	5/16" Hose Barb	IOF-DH-WA-TN5/16
Carbon dioxide	1/4" Hose Barb	IOF-DH-CO-TN1/4	
Nitrogen	1/4" Hose Barb	IOF-DH-NI-TN1/4	
	Oxygen	1/8" NPT Male	IOF-CH-OX-M2
	Medical air	1/8" NPT Male	IOF-CH-AI-M2
	Vacuum	1/8" NPT Male	IOF-CH-VA-M2
	Nitrous Oxide	1/8" NPT Male	IOF-CH-N2-M2
	WAGD	1/8" NPT Male	IOF-CH-WA-M2
	Oxygen	1/4" Hose Barb	IOF-CH-OX-TN1/4
	Medical air	1/4" Hose Barb	IOF-CH-AI-TN1/4
	Vacuum	5/16" Hose Barb	IOF-CH-VA-TN5/16
	Nitrous Oxide	1/4" Hose Barb	IOF-CH-N2-TN1/4
	WAGD	5/16" Hose Barb	IOF-CH-WA-TN5/16

IOF SERIES

Quick connects & adaptors

Specification

Model	Gases	Connections	IOXYGEN Code	
Puritan-Bennett 	OXYGEN	1/8" NPT Male	IOF-PB-OX-M2	
	Medical air	1/8" NPT Male	IOF-PB-AI-M2	
	Vacuum	1/8" NPT Male	IOF-PB-VA-M2	
	Nitrous Oxide	1/8" NPT Male	IOF-PB-N2-M2	
	WAGD	1/8" NPT Male	IOF-PB-WA-M2	
	Oxygen	1/4" Hose Barb	IOF-PB-OX-TN1/4	
	Medical air	1/4" Hose Barb	IOF-PB-AI-TN1/4	
	Vacuum	5/16" Horse Barb	IOF-PB-VA-TN5/16	
	Nitrous Oxide	1/4" Hose Barb	IOF-PB-N2-TN1/4	
	WAGD	5/16" Horse Barb	IOF-PB-WA-TN5/16	
JAPAN (JIS T7101) 	Oxygen	1/8" NPT Male	IOF-JA-OX-M2	
	Medical air	1/8" NPT Male	IOF-JA-AI-M2	
	Vacuum	1/8" NPT Male	IOF-JA-VA-M2	
	Nitrous Oxide	1/8" NPT Male	IOF-JA-N2-M2	
	Oxygen	1/4" Hose Barb	IOF-JA-OX-TN1/4	
	Medical air	1/4" Hose Barb	IOF-JA-AI-TN1/4	
	Vacuum	5/16" Hose Barb	IOF-JA-VA-TN5/16	
	Nitrous Oxide	1/4" NPT Male	IOF-JA-N2-TN1/4	
	FRANCE (AFNOR TYPE:NFS 90-116) 	Oxygen	1/8" NPT Male	IOF-FR-OX-M2
		Medical air	1/8" NPT Male	IOF-FR-AI-M2
Vacuum		1/8" NPT Male	IOF-FR-VA-M2	
Nitrous Oxide		1/8" NPT Male	IOF-FR-N2-M2	
Oxygen		1/4" Hose Barb	IOF-FR-OX-TN1/4	
	Medical air	1/4" Hose Barb	IOF-FR-AI-TN1/4	
	Vacuum	5/16" Hose Barb	IOF-FR-VA-TN5/16	
	Nitrous Oxide	1/4" Hose Barb	IOF-FR-N2-TN1/4	
	GS (DIN TYPE:DIN 13260-2) 	Oxygen	1/8" NPT Male	IOF-GS-OX-M2
		Medical air	1/8" NPT Male	IOF-GS-AI-M2
Vacuum		1/8" NPT Male	IOF-GS-VA-M2	
Nitrous Oxide		1/8" NPT Male	IOF-GS-N2-M2	
Carbon dioxide		1/8" NPT Male	IOF-GS-CO-M2	
	Nitrogen	1/8" NPT Male	IOF-GS-NI-M2	
	Oxygen	1/4" Hose Barb	IOF-GS-OX-TN1/4	
	Medical air	1/4" Hose Barb	IOF-GS-AI-TN1/4	
	Vacuum	5/16" Hose Barb	IOF-GS-VA-TN5/16	
	Nitrous Oxide	1/4" Hose Barb	IOF-GS-N2-TN1/4	
	Carbon dioxide	5/16" Hose Barb	IOF-GS-CO-TN5/16	
	Nitrogen	1/4" Hose Barb	IOF-GS-NI-TN1/4	
	BS (BS TYPE:BS 5682-1998) 	Oxygen	1/8" NPT Male	IOF-BS-AI-M2
		Medical air	1/8" NPT Male	IOF-BS-AI-M2
		Vacuum	1/8" NPT Male	IOF-BS-VA-M2
Nitrous Oxide		1/8" NPT Male	IOF-BS-N2-M2	
Oxygen		1/4" Hose Barb	IOF-BS-OX-TN1/4	
	Medical air	1/4" Hose Barb	IOF-BS-AI-TN1/4	
	Vacuum	5/16" Hose Barb	IOF-BS-VA-TN5/16	
	Nitrous Oxide	1/4" Hose Barb	IOF-BS-N2-TN1/4	





103 SERIES Pressure Gauges



FEATURES

- + Easy-to-read on or scale gauges with screw-on polycarbonate lens for durability.
- + Tough steel case protected by oven backed corrosion resistant paint.
- + Precision movement.

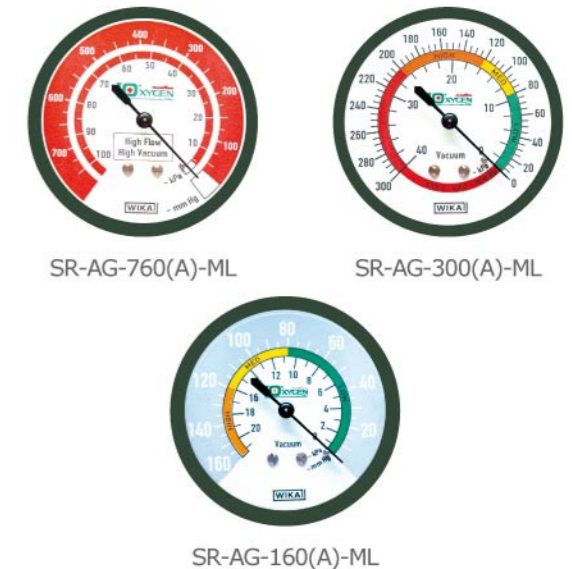
Specification

Model	psi/kpa	LPM	m/m	THREAD
10311	4000psi		53	NPT 1/4" 
10312	4000psi		53	NPT 1/4" 
10313		15	53	NPT 1/4" 
10314		15	53	NPT 1/4" 
10315	28000kpa		53	NPT 1/4"
10316		15	53	NPT 1/4"

SR-AG SERIES Analog Gauges

Model	Specification
SR-AG-760(A)-ML	Analog Gauge with Lens 760mmHg
SR-AG-300(A)-ML	Analog Gauge with Lens 300mmHg
SR-AG-160(A)-ML	Analog Gauge with Lens 160mmHg

* (A) means Anti-clockwise



Safety Trap

VACUUM SAFETY TRAP BOTTLE

The VT9000 series VAC TRAP protects suction/vacuum regulators and central vacuum systems from accidental contamination by liquid overflow from suction collection canisters. This unique design assures positive shut-off at low as well as line vacuum conditions. The VT9000 series VAC TRAP features a shatter resistant polycarbonate bottle, lightweight cap assembly. Various configurations are available for attachment to vacuum regulator or central vacuum system.



VT9003
DISS HAND TIGHT(CHROMED BRASS)



VT9002
DISS HEX(CHROMED BRASS)



VT9003D
DISS HAND TIGHT (ALUMINIUM)

Suction Liner & Bottles



Purpose:

The bottle collects the waste liquid from the patient who is performing the surgical operation. The bottle lid has the connector for connection tube, suction tube from patient and discharging the waste liquid. It can make the operation perform more smoothly and safe.

FEATURES:

- + Compatible with existing vacuum equipment.
- + Single or multiple set-ups high capacity without disconnection using multiple set-ups.
- + Multiple system can save the time for replacing the bag and ensure the surgical operation won't be interrupted.

BOTTLE:

Model Number	Specifications
BVT-200A-R	2000ml PC With green holder
BVT-200A-W	2000ml PC With white holder
BVT-150A-R	1500ml PC With green holder
BVT-150A-W	1500ml PC With white holder

LINER:

Model Number	Specifications
BSD -200N	2000ml EVA Without valve
BSD -200A	2000ml EVA With valve
BSD -150A	1500ml EVA With valve

Humidifiers



HM-003 Humidifier

- + Polyethylene container of 200ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + With 2PSI safety valve.
- + Blue color
- + Resuse.

HM-005 Humidifier

- + Polyethylene container of 200ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + With 2PSI safety valve.
- + Green color
- + Resuse.



HM-006 Humidifier

- + Polyethylene container of 150ml capacity.
- + Head in polycarbonate for durability.
- + 9/16"×18N thread. Other thread sizes available.
- + Resuse.

HM-007 Dry Bubble Humidifier Small

- + Dry Bubble humidifier equipped with 2PSI safety valve, and standard DISS (9/16") thread connector for flow meter.
- + Container's volume:200ml.
- + Disposable.



HM-008 Dry Bubble Humidifier

- + Dry Bubble humidifier equipped with 4PSI safety valve, and standard DISS (9/16") thread connector for flow meter.
- + Container's volume:500ml.
- + Disposable.

Accessories



HM-029 OXYGEN Mask

- + Simple oxygen mask for adult.
- + Medium concentration with 7" tubing elastic strap, adjustable nose clip.
- + PVC Material.
- + CE 0434.

HM-017 Disposable Connula

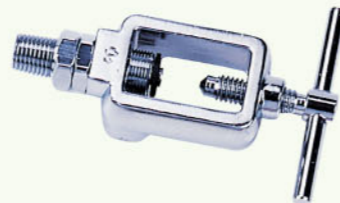
- + Simple oxygen "Connula" tube for nose use.
- + Medium concentration with 7" tubing.
- + Material: polypropylene, polyethylene, polyvinylchloride.
- + CE 0434.



YK-801 YOKE

- + Made of fogged brass, fully chromed, 1/4" NPT inlet thread.

Model	Gas
YK-801	OXYGEN
YK-802	AIR
YK-803	NITROUS OXIDE
YK-804	CARBON DIOXIDE



HM-CG - HM-CW Flow Meter Connector

- + DISS(9/16") thread for follow meter and swivel 4-6 barb style connector for tubing.
- + Material: Nylon
- + Disposable.

Oxygen Cylinders

Material: High Strength Aluminum Alloy (6061-T6)
 All cylinders comply with the regulation of DOT3AL, TC 3ALM and EN 1975 (TPED) Standard Procedure.
 To achieve the highest standards of quality, safety and O2 cleaning.
 IOXYGEN cylinders must be inspected and tested by DOT and TC authorized independent inspection agency.

CERTIFICATE:

DOT-3AL, TC-3ALM, TPED CERTIFICATE,
 ISO 13485:2003, ISO 9001:2008



Part No.	Service Pressure (psi / bar)	Outside Diameter (in / mm)	Length (in / mm)	Estimated Weight (lbs / kgs)	O2 capacity (cu ft / liters)	Water capacity (cu in / liters)	Thread size
OC-M4	2216/153	3.19/81	9.25/235	1.88/0.83	4.0/114	42.72/0.7	0.750-16UNF-2B
OC-M6	2216/153	3.19/81	12.01/305	2.3/1.04	5.8/165	61.03/1.0	0.750-16UNF-2B
OC-M12	2015/139	4.38/111.3	8.27/210	3.12/1.41	6.0/170	73.23/1.2	0.750-16UNF-2B
OC-M14	2015/139	4.38/111.3	9.25/235	3.33/1.51	7.0/198	85.44/1.4	0.750-16UNF-2B
OC-M18	2015/139	4.38/111.3	11.22/285	3.9/1.77	9.5/269	109.8/1.8	0.750-16UNF-2B
OC-M20	2015/139	4.38/111.3	12.44/316	4.19/1.9	10.9/309	122.1/2.0	0.750-16UNF-2B
OC-M28	2015/139	4.38/111.3	16.34/415	5.29/2.4	15.0/425	170.9/2.8	0.750-16UNF-2B