



Regulators and Flowmeters

 Just Flow
F-SERIES

 Just Flow
C-SERIES

 Just Press

 Just Vac

 Just Humi

JUST FLOW F - Series

Ball flowmeters

Ref.: See table

JUST FLOW F Series flowmeters can be used in medical facilities with an available gas piped network.

- Available for oxygen and medical air (*consult our staff for other gases*).
- Scales of 4, 6 or 15 l/min, twistable 360° to facilitate its reading.
- Available with a humidifier bottle, selector-bearing direct outlet. By turning a small side handle or a revolver system, the selector diverts the flow of the humidifier to a tube spigot.
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a $\varnothing 38$ mm bar flange. It is fed by a flexible hose with different European and American connectors (see *Connectors and Outlets*).



Just Flow
F-SERIES



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, polycarbonate, polyamide and chromed-plated brass*.
- **Outlet connection:** DISS 9/16".
- **Supply:** 4,5 bar.
- **Calibration:** 101,3 kPa and 23°C.
- **Precision:** ± 10 %.
- **Dimensions:**
 - Simple model: $\varnothing 31 \times 140$ mm
 - Double output handle selector: $\varnothing 35 \times 151$ mm.
 - Double output revolver selector: $\varnothing 31 \times 160$ mm
- **Weight:**
 - Simple model: 130 gr.
 - Double output handle selector: 180 g.
 - Double output revolver selector: 215 g.
- In compliance with **UNE-EN ISO 15002** standard.

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09/2017-Rev.02



JUST FLOW F - Series

Ball flowmeters



Ref.: See table

References for flow range 0 to 15 l/min

Standards	DIN 13260	NF S 90-116	BS 5682
Type			
JUST FLOW F + Connector	11FLSXD15	11FLSXNF15	11FLSXBS15
JUST FLOW F Double output + Connector	11FLUXD15	11FLUXNF15	11FLUXBS15
JUST FLOW F Double mounting	11FRSXDN15	11FRSXNF15	11FRSXBS15
JUST FLOW F Double mounting - Double output	11FRUXDN15	11FRUXNF15	11FRUXBS15
JUST FLOW F Rail - Knob clamp	13FPSXD15	13FPSXNF15	13FPSXBS15
JUST FLOW F Rail - Pushbutton clamp	13FLSXD15	13FLSXNF15	13FLSXBS15
JUST FLOW F Rail - Double output - Knob clamp	13FPUXDN15	13FPUXNF15	13FPUXBS15
JUST FLOW F Rail - Double output - Pushbutton clamp	13FLUXD15	13FLUXNF15	13FLUXBS15
JUST FLOW F Rail - Double mounting - Knob clamp	13FTSXDN15	13FTSXNF15	13FTSXBS15
JUST FLOW F Rail - Double mounting - Pushbutton clamp	13FSSXD15	13FSSXNF15	13FSSXBS15
JUST FLOW F Rail - Double mounting - Double output - Knob clamp	13FTUXDN15	13FTUXNF15	13FTUXBS15
JUST FLOW F Rail - Double mounting - Double output - Pushbutton clamp	13FSUXDN15	13FSUXNF15	13FSUXBS15
JUST FLOW F with Ø38 flange + Connector	14FLSXD15	14FLSXNF15	14FLSXBS15
JUST FLOW F with Ø38 flange Double output + Connector	14FLUXD15	14FLUXNF15	14FLUXBS15
JUST FLOW F with Ø38 flange Double mounting	14FRSXDN15	14FRSXNF15	14FRSXBS15
JUST FLOW F with Ø38 flange Double mounting - Double output	14FRUXDN15	14FRUXNF15	14FRUXBS15

¹ Medical Air models, replace X with M (please consult our staff about other gases).

² For other flow rates, replace 15 with 04 or 06, depending on flow rates of 4 l/min or 6 l/min (please consult our staff about other flow rates).

³ Please consult our staff about other gas standards.

⁴ Please consult our staff about other models.

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09/2017-Rev.02



JUST FLOW C - Series

Dial flowmeters

Ref.: See table

JUST FLOW C Series flowmeters can be used in medical facilities with an available gas piped network.

- Turning the top control button the operator can select the flow that will be supplied by its inferior connection. This selection appears in the front display. Models available for oxygen and medical air with **4, 8, 15, 25 or 50 l/min** top range.
- Models available with a direct outlet to a humidifier bottle and with a flow selector which, turning a little front handle, diverts the humidifier flow towards a front nozzle for flexible hoses.
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a $\varnothing 38\text{mm}$ bar flange. It is supplied by a flexible hose with different European and American connectors (see *Connectors and Outlets*).



Just Flow
C-SERIES



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, ABS, stainless steel and chromed-plated brass.*
- In the version including a flow selector, the outlet connection is DISS 9/16"-type with a side nozzle for flexible hoses.
- **Supply:** 4,5 \pm 0,5 bar.
- **Calibration:** 101,3 kPa and 23°C.
- **Precision:** Q \leq 1,5 l/min \rightarrow \pm 30 %; Q > 1,5 l/min \rightarrow \pm 20%;
- **Dimensions:**
 - Simple model: $\varnothing 40 \times 56$ mm
 - Double output model: $\varnothing 40 \times 76$ mm.
- **Weight:**
 - Simple model: 85 gr.
 - Double output model: 140 gr.
- In compliance with **UNE-EN ISO 15002** standard.

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01/2019-Rev.03

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JUST FLOW C - Series

Dial flowmeters



Ref.: See table

References for flow range from 0 to 15 l/min

Type	Standards		
	DIN 13260	NF S 90-116	BS 5682
JUST FLOW C + Connector	11CLSXD15	11CLSXF15	11CLSXB15
JUST FLOW C with selector + Connector	11CLUXD15	11CLUXF15	11CLUXB15
JUST FLOW C Double mounting	11CRSX15	11CRSXF15	11CRSXB15
JUST FLOW C Double mounting - with selector	11CRUXD15	11CRUXF15	11CRUXB15
JUST FLOW C Rail - Knob clamp	13CPSXD15	13CPSXF15	13CPSXB15
JUST FLOW C Rail - Pushbutton clamp	13CLSXD15	13CLSXF15	13CLSXB15
JUST FLOW C Rail - With selector - Knob clamp	13CPUXD15	13CPUXF15	13CPUXB15
JUST FLOW C Rail - With selector - Pushbutton clamp	13CLUXD15	13CLUXF15	13CLUXB15
JUST FLOW C Rail - Double mounting - Knob clamp	13CTSXD15	13CTSXF15	13CTSXB15
JUST FLOW C Rail - Double mounting - Pushbutton clamp	13CSSXD15	13CSSXF15	13CSSXB15
JUST FLOW C Rail - Double mounting - With selector - Knob clamp	13CTUXD15	13CTUXF15	13CTUXB15
JUST FLOW C Rail - Double mounting - With selector - Pushbutton clamp	13CSUXD15	13CSUXF15	13CSUXB15
JUST FLOW C with Ø38 tube flange + Connector	14CLSXD15	14CLSXF15	14CLSXB15
JUST FLOW C with selector with Ø38 tube flange + Connector	14CLUXD15	14CLUXF15	14CLUXB15
JUST FLOW C Double mounting with Ø38 tube flange	14CRSX15	14CRSXF15	14CRSXB15
JUST FLOW C Double mounting with Ø38 tube flange - with selector	14CRUXD15	14CRUXF15	14CRUXB15

¹ Medical Air models, replace X with M (please consult our staff about other gases).

² For other top of range replace 15 with 04, 08, 30 or 50, depending on flow rates of 4 l/min, 8 l/min, 30 l/min or 50 l/min (please consult our staff about other flow rates).

³ Please consult our staff about other gas standards.

⁴ Please consult our staff about other models.

Available flows:

Modelo/Model/Modèle	Available flows / Caudales / Débits disponibles (L/min)	Precisión / Precision /Précision
0 - 4	0 - 0,2 - 0,4 - 0,6 - 0,8 - 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4	Q ≤ 1,5 l/min → ±30% Q > 1,5l/min → ±20%
0 - 8	0 - 0,3 - 0,6 - 1 - 1,5 - 2 - 3 - 4 - 5 - 6 - 7 - 8	
0 - 15	0 - 0,5 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 15	
0 - 30	0 - 1 - 2 - 4 - 6 - 8 - 10 - 12 - 15 - 20 - 25 - 30	
0 - 50	0 - 3 - 6 - 10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50	

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JUST FLOW C - Series

Dial flowmeter with stabilized pressure

Ref.: See table

The flowmeter **JUST FLOW C Series** can be used in medical facilities with an available gas piped network and is especially designed to stabilize the possible differences of pressure in the supply, thanks to a previous regulation step.

- Turning the top control button the operator can select the flow that will be supplied by its inferior connection. This selection appears in the front display. Models for oxygen and medical air with top range in 1, 4, or 15 l/min.
- Models available with a direct outlet to a humidifier bottle and with a flow selector which, turning a little front handle, diverts the humidifier flow towards a front nozzle for flexible hoses.
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a $\varnothing 38$ mm bar flange. It is supplied by a flexible hose.



TECHNICAL SPECIFICATIONS

- Manufactured in *natural anodized aluminium, ABS, stainless steel and chromed brass.*
- In the version including a flow selector, the connection is DISS 9/16"-type with a side nozzle for flexible hoses.
- **Supply:** 4,5 \pm 0,5 bar.
- **Precision:** Q \leq 1,5 l/min \rightarrow \pm 30 %; Q > 1,5 l/min \rightarrow \pm 20%;
- **Dimensions:**
 - Simple model: $\varnothing 40 \times 56 \times 70$ mm
 - Double output model: $\varnothing 40 \times 75 \times 70$ mm.
- **Weight:**
 - Simple model: 190 gr.
 - Double output model: 290 gr.
- In compliance with **UNE-EN ISO 15002** standard.

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09/2017-Rev.02



JUST FLOW C - Series

Dial flowmeter with stabilized pressure



Ref.: See table

References for flow range 0 to 15 l/min

Type	Standards		
	DIN 13260	NF S 90-116	BS 5682
JUST FLOW F + Connector	11FLSXD15	11FLSXNF15	11FLSXBS15
JUST FLOW F Double Output + Connector	11FLUXD15	11FLUXNF15	11FLUXBS15
JUST FLOW F Double mounting	11FRSXDN15	11FRSXNF15	11FRSXBS15
JUST FLOW F Double mounting - Double output	11FRUXDN15	11FRUXNF15	11FRUXBS15
JUST FLOW F Rail - Knob clamp	13FPSXD15	13FPSXNF15	13FPSXBS15
JUST FLOW F Rail - Pushbutton clamp	13FLSXD15	13FLSXNF15	13FLSXBS15
JUST FLOW F Rail - Double output - Knob clamp	13FPUXD15	13FPUXNF15	13FPUXBS15
JUST FLOW F Rail - Double output - Pushbutton clamp	13FLUXD15	13FLUXNF15	13FLUXBS15
JUST FLOW F Rail - Double mounting - Knob clamp	13FTSXDN15	13FTSXNF15	13FTSXBS15
JUST FLOW F Rail - Double mounting - Pushbutton clamp	13FSSXD15	13FSSXNF15	13FSSXBS15
JUST FLOW F Rail - Double mounting - Double output - Knob clamp	13FTUXDN15	13FTUXNF15	13FTUXBS15
JUST FLOW F Rail - Double mounting - Double output - Knob clamp	13FSUXDN15	13FSUXNF15	13FSUXBS15
JUST FLOW F with Ø38 tube flange + Connector	14FLSXD15	14FLSXNF15	14FLSXBS15
JUST FLOW F Double Output with Ø38 tube flange + Connector	14FLUXD15	14FLUXNF15	14FLUXBS15
JUST FLOW F Double mounting with Ø38 tube flange	14FRSXDN15	14FRSXNF15	14FRSXBS15
JUST FLOW F Double mounting with Ø38 tube flange - Double output	14FRUXDN15	14FRUXNF15	14FRUXBS15

¹ Medical Air models, replace X by M (please consult our staff for other gases).

² For other flows replace 15 by 01 or 06, depending if the flow rates are 1 l/min or 4 l/min (please consult our staff for other gases).

³ For other gases please consult the standards.

⁴ Consult our staff for other models.

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JUST VAC Series

Vacuum regulators HV

Ref.: See table

The high vacuum regulator **JUST VAC** provides regulation of continuous suction for its use in tracheal and pharyngeal ways during surgical procedures and continuous gastric drainage.

- The vacuum regulator provides suction from 0 to total suction.
- They are classified as *High Vacuum / High Flow*.
- For the safety of the patient, in case of accidental connection to a positive gas pressure, the regulators can be equipped with an optional positive pressure relief valve.
- **JUST VAC** incorporates an ON-OFF dispositive, through which the aspiration can be switched off without having to close the suction control valve.
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a Ø38 mm bar flange. It is supplied by a flexible hose with different European and American connectors (see *Connectors and Outlets*).
- Pressing the **PUSH** button, the accessories like filters, filters with overflow trap, DISS connectors or metallic connectors for flexible hoses are released for its easy replacement, ensuring the safety of the user and the patient (please see the *PUSH Accessories catalogue*).
- The original set includes the regulator, a disposable filter with safety overflow trap, three disposable filters and a metallic connector for flexible hose.



JustVac



TECHNICAL SPECIFICATION

- Manufactured in ABS (white/black for HV and yellow/black for LV), stainless steel, brass and NBR.
- Modes: ON, OFF.
- Ranges:
 - High vacuum: 0-760 mmHg.
- Supply: from 400 to 500 kPa.
- Vacuum gauge's precision: $\pm 2,5\%$ FS.
- Inlet connection: 1/4" BSP in stainless steel.
- PUSH System for a quick and easy replacement of accessories.
- Dimensions: 158 x 89 x 63 mm
- Weight: 307 gr (without connection).
- In compliance with UNE-EN ISO 10079-3 standard.

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JUST VAC Series

Vacuum regulators HV



Ref.: See table

References

Type	Standards		
	DIN 13260	NF S 90-116	BS 5682
JUST VAC HV + Connector	11VPAVAEDN	11VPAVAENF	11VPAVAEBS
JUST VAC HV double mounting + Connector	11VPAAREDN	11VPAARENF	11VPAAREBS
JUST VAC HV to rail - Knob clamp	13VPAVAEPD	13VPAVAEPN	13VPAVAEPB
JUST VAC HV to rail double mounting - Knob clamp	13VPAAREPD	13VPAAREPN	13VPAAREPB
JUST VAC HV with Ø38,0 tube flange	14VPAVAEPD	14VPAVAEPN	14VPAVAEPB
JUST VAC HV with Ø38,0 tube flange double mounting	14VPAAREPD	14VPAAREPN	14VPAAREPB

¹ Other outputs replace E (disposable filter) with: D (DISS output), T (filter with safety overflow trap), F (bottle of 0,5 l), M (Metallic nipple) or O (free output).

² Other rail mounting replace P (knob clamp) with: G (pushbutton clamp), R (wall plate) or H (bearing plate)

³ For other gases please consult the standards.

⁴ Consult our staff for other models.

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JUST VAC Series

Vacuum regulators HV with Backpack

Ref.: See table

The High Vacuum regulator **JUST VAC HV Backpack** allows the operator to regulate the continuous suction of tracheal and pharyngeal secretions during surgical procedures and continuous nasogastric drainage.

The vacuum regulator incorporates a Venturi-effect system, which allows suction through a connection to oxygen or medical air outlets in facilities with no piped Vacuum network.

- The vacuum regulator provides suction from 0 to 450 mmHg.
- They include the *PUSH* system for a quick and easy replacement of filters and accessories.
- They are classified as HV: *High Vacuum / High Flow*.
- For the safety of the patient, in case of accidental connection to a positive gas pressure, the regulators can be equipped with an optional positive pressure relief valve.
- **JUST VAC** incorporates an ON-OFF dispositive, through which the aspiration can be switched off without having to close the suction control valve.
- Pressing the **PUSH** button, the accessories like filters, filters with overflow trap, DISS connectors or metallic connectors for flexible hoses are released for its easy replacement, ensuring the safety of the user and the patient (please see the *PUSH Accessories catalogue*).
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a Ø38 mm bar flange. It is supplied by a flexible hose with different European and American connectors (see *Connectors and Outlets*).
- The original set includes the regulator, a disposable filter with safety overflow trap, three disposable filters and a metallic connector for flexible hose.



JustVac



TECHNICAL SPECIFICATIONS

- Manufactured in *ABS (white/black for HV), stainless steel, brass and NBR*.
- **Modes:** ON, OFF.
- **Ranges:**
 - **High vacuum:** 0-450 mmHg.
 - **Low vacuum:** 0-160 mmHg.
- **Supply:** between 400 and 500 kPa.
- **Intake:** 30-35 l/min.
- **Precision:** ± 5 % of full scale.
- ¼" BSP inlet connection in *stainless steel*.
- **PUSH** System for a quick and easy replacement of accessories.
- **Dimensions:** 158 x 89 x 63 mm
- **Weight:** 305 g (without connector).
- In compliance with **UNE-EN ISO 10079-3** standard.

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09/2017-Rev.02

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JUST VAC Series

Vacuum regulators HV with Backpack



Ref.: See table

References

Type	Standard	DIN 13260	NF S 90-116	BS 5682
JUST VAC HV Backpack + Connector		11ASVP8XDS	11ASVP8XNS	11ASVP8XBS
JUST VAC HV Backpack to rail - Knob clamp		13ASVP6XDS	13ASVP6XNS	13ASVP6XBS
JUST VAC HV Backpack to rail - Pushbutton clamp		13ASVP9XDS	13ASVP9XNS	13ASVP9XBS
JUST VAC HV Backpack with $\varnothing 38$ flange + Connector		14ASVP8XDS	14ASVP8XNS	14ASVP8XBS

¹ For other outputs replace **S** (disposable filter) with: **D** (DISS output), **R** (Metallic connector for flexible hose) or **P** (tube-fitting compressed nipple).

² For other gases please consult the standards.

³ Consult our staff for other models.

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SUCTION UNITS

Continuous / Intermittent Vacuum Regulators



Ref.: See table

The intermittent suction unit is a combination of continuous and intermittent vacuum regulators to use in centralized vacuum systems in hospitals.

- It combines the versatility of an intermittent mode for the nasogastric drainage and a continuous mode for tracheal, pharyngeal or surgical suction.
- It incorporates a **REG-OFF-INT** device that allows the operator to interrupt aspiration without closing the suction control valve.
- In the intermittent mode, this unit employs a pneumatic logic module to alternate between the on and off cycles. The unit is equipped with independent controls to regulate the duration of the on and off cycles, the vacuum level and the suction flow.
- In the continuous mode it enables suction from 0 to total vacuum (140 mmHg in paediatric).
- Classified as *High Vacuum/High Regulated Flow* and *Low Vacuum/High Regulated Flow* (paediatric).
- Pressing the **PUSH** button, the accessories, like filters or DISS connectors, are released for their easy replacement, ensuring the safety of both the user and the patient (see *PUSH Accessories catalogue*).
- They can be supplied in single or double versions and can be mounted with a direct connector either on a rail fast clamp or on a \varnothing 38mm bar flange. They can be supplied by a flexible tube with different European and American connectors (see Connectors and valves).
- The original set includes the regulator, a disposable filter with safety overflow trap, three disposable filters and a metallic connector for a flexible hose.



TECHNICAL SPECIFICATIONS

- **Modes:** Continuous and Intermittent.
- **Range:**
 - Adults: 0 - 300 mmHg.
 - Paediatric: 0 - 200 mmHg.
- **Vacuum range:** 0 - available vacuum in the network (High Vacuum); 0 - 140 mmHg (Paediatric).
- **Range of intermittent flow:**
 - Adults: 8 l/min.
 - Paediatric: 2,5 l/min.
- **Preset intervals:**
 - ON: 16 s.
 - OFF: 8 s.
- **Range of continuous flow:**
 - Adults: 0-80 l/min.
 - Paediatric: 0-40 l/min.
- **Precision of the vacuum gauge:** $\pm 3\%$ FS.
- **Dimensions:** 147 x 76 x 101 mm. // **Weight:** 340 g (without connection).

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09/2017-Rev.02



SUCTION UNITS

Continuous / Intermittent Vacuum Regulators



Ref.: See table

References

Type	Standards		
	DIN 13260	NF S 90-116	BS 5682
JUST VAC CI Analogical + Connector	11VPIAAEDN	11VPIAAENF	11VPIAAEBS
JUST VAC CI Paediatric Analogical + Connector	11VPIPAEDN	11VPIPAENF	11VPIPAEBS
JUST VAC CI Analogical to rail - Knob clamp	13VPIAAEPD	13VPIAAEPN	13VPIAAEPB
JUST VAC CI Paediatric Analogical to rail - Knob clamp	13VPIPAEPD	13VPIPAEPN	13VPIPAEPB
JUST VAC CI Analogical with Ø38,0 tube flange	14VPIAAEPD	14VPIAAEPN	14VPIAAEPB
JUST VAC CI Paediatric Analogical with Ø38,0 tube flange	14VPIPAEPD	14VPIPAEPN	14VPIPAEPB

¹ For other outputs replace **E** (filter) with: **D** (DISS output), **T** (filter with safety overflow trap), **F** (bottle of 0,5 l), **M** (metal nipple) or **O** (free output).
² For other rail mountings replace **P** (knob clamp) with: **G** (pushbutton clamp), **R** (wall plate) or **H** (bearing plate)
³ Please consult our staff about other gas standards.
⁴ For digital models replace **A** by **D**.

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09/2017-Rev.02



SUCTION UNITS

Low Vacuum Regulators



Ref.: See table

These vacuum regulators allow the regulation of continuous suction during surgical procedures in tracheal and pharyngeal ways and during continuous gastric drainage.

- The low-vacuum continuous vacuum regulator contains a pressure limiting valve for 140 mmHg.
- Classified as *Low vacuum /High flow*.
- For the patient's security, the regulators are equipped with a positive pressure relief valve, in case of accidental connection to a positive gas pressure.
- It incorporates a **REG-OFF** device that allows the operator to interrupt aspiration without closing the suction control valve.
- Pressing the **PUSH** button, the accessories, like filters or DISS connectors, are released for their easy replacement, ensuring the safety of both the user and the patient (see *PUSH Accessories catalogue*).
- They can be supplied in single or double versions and can be mounted with a direct connector either on a rail fast clamp or on a \varnothing 38mm bar flange. They can be supplied by a flexible hose with different European and American connectors (see *Connectors and valves*).
- The original set includes the regulator, a disposable filter with safety overflow trap, three disposable filters and a metallic connector for a flexible hose.



TECHNICAL SPECIFICATIONS

- **Input pressure:** 4,5 bar.
- **Range:**
 - Low Vacuum range: 0 - 160 mmHg.
 - Flow range: 0 - 40 l/min.
- **Precision vacuum gauge:** $\pm 3 \%$.
- **Dimensions:**
 - Single model : 147 x 76 x 101 mm
- **Weight:** 340 g (without connector).

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SUCTION UNITS

Low Vacuum Regulators



Ref.: See table

References

Type	Standards		
	DIN 13260	NF S 90-116	BS 5682
JUST VAC LV Analogical + Connector	11VPBVAEDN	11VPBVAENF	11VPBVAEBS
JUST VAC LV Analogical double mounting + Connector	11VPBAREDN	11VPBARENF	11VPBAREBS
JUST VAC LV Analogical to rail- Knob clamp	13VPBVAEPD	13VPBVAEPN	13VPBVAEPB
JUST VAC LV Analogical to rail double mounting- Knob clamp	13VPBAREPD	13VPBAREPN	13VPBAREPB
JUST VAC LV Analogical with Ø38,0 tube flange	14VPBVAEPD	14VPBVAEPN	14VPBVAEPB
JUST VAC LV Analogical with Ø38,0 tube flange double mounting	14VPBAREPD	14VPBAREPN	14VPBAREPB

¹ For other outputs replace **E** (disposable filter) with: **D** (DISS output), **T** (filter with safety overflow trap), **F** (bottle of 0,5 l), **M** (metal nipple) or **O** (free output).

² For other rail mountings replace **P** (knob clamp) with: **G** (pushbutton clamp), **R** (wall plate) ó **H** (bearing plate)

³ Please consult our staff about other gas standards.

⁴ For digital models replace **A** by **D**.

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09/2017-Rev.02



JUST VAC Series

HV Compact vacuum regulators

Ref.: See table

The HV metallic vacuum regulators **JUST VAC** with an ON-OFF option are designed for its use on vacuum piped networks and provide regulation of continuous suction for its use in tracheal and pharyngeal ways during surgical procedures and continuous gastric drainage.

- This vacuum regulator of high vacuum provides suction from 0 to total suction.
- **JUST VAC** incorporates an ON-OFF dispositive, through which the aspiration can be switched off without having to close the suction control valve.
- It is classified as *High Vacuum/High Flow*.
- The converter for the **PUSH** system can be additionally incorporated.
- It can be provided individually or on a dual version, and it can be mounted either with a direct connector, a clamp to a rail or a Ø38mm bar flange. It is supplied by a flexible hose with different European and American connectors (see *Connectors and Outlets*).



JustVac



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, chromed-plated brass, ABS and NBR*.
- **Modes:** ON, OFF.
- **Ranges:**
 - **High Vacuum:** 0-760 mmHg.
- **Vacuum range:** 0 to maximum vacuum available through the piped network.
- **Flow range:** from 0 to 80 l/min.
- **Precision:** ± 2,5 % of full scale.
- **Dimensions:** Ø55 x 140 x 45 mm
- **Weight:** 350 g (without connector).
- In compliance with **UNE-EN ISO 10079-3** standard.

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Ref.: See table

References

Type	Standard	DIN 13260	NF S 90-116	BS 5682
JUST VAC HV Compact + Connector		11VMAVAEDN	11VMAVAENF	11VMAVAEBS
JUST VAC HV Compact double mounting + Connector		11VMAAREDN	11VMAARENF	11VMAAREBS
JUST VAC HV Compact to rail - Knob clamp		13VMAVAEPD	13VMAVAEPN	13VMAVAEPB
JUST VAC HV Compact to rail double mounting - Knob clamp		13VMAAREPD	13VMAAREPN	13VMAAREPB
JUST VAC HV Compact with Ø38,0 tube flange		14VMAVAEPD	14VMAVAEPN	14VMAVAEPB
JUST VAC HV Compact with Ø38,0 tube flange double mounting		14VMAAREPD	14VMAAREPN	14VMAAREPB

¹ Other outputs replaces **E** (disposable filter) with: **D** (DISS output), **T** (filter with safety overflow trap), **F** (bottle of 0,5 l), **M** (Metallic nipple) or **O** (free output).

² Other rail assemblies replace **P** (knob clamp) with: **R** (wall plate) or **H** (bearing plate)

³ For other gases please consult the standards.

⁴ Consult our staff for other models.

JUST VAC Series

Venturi-effect suction unit

Ref.: 11ASPR8cdd / 13ASPR8cdd

This device produces suction through the Venturi-effect. It is designed to be used with a pressurized medical air or oxygen source, rather than a vacuum piped net.

- It has an upper valve and a vacuum gauge to regulate and measure the pressure of suction.
- It can be mounted on a clamp with a clasp and can be supplied by a 1m-long vacuum hose. It can be set with different European and American connectors (see *Connectors and valves*).
- Classified as *Medium Vacuum / High Flow*



JustVac



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, brass, ABS* and *NBR*.
- Vacuum DISS connector for collection jar (jar not included).
- **Optimal inlet pressure:** from 400 to 500 kPa.
- **Maximum reachable vacuum:** 60 kPa.
- **Flow range:** from 0 to 80 l/min.
- **Approximate consumption:** between 30 and 35 l/min depending on the supplied pressure.
- **Dimensions:** 100 x 85 x 75 mm
- **Weight:** 385 g (without connector).
- In compliance with the **UNE-EN ISO 10079-3** standard.

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JUST VAC Series

Cylindrical Venturi-effect suction unit

Ref.: 11ASPR8cdd / 13ASPR8cdd

This device produces suction through the Venturi-effect. It is designed to be used with a pressurized medical air or oxygen source, rather than a vacuum piped net.

- It has an upper valve and a vacuum gauge to regulate and measure the pressure of suction.



- It can be mounted either with a direct connector, a clamp to a rail or a $\varnothing 38$ mm bar flange, in these cases it is supplied with one meter flexible hose with different European or American connectors (see *Connectors and Outlets*).
- Classified as *Medium Vacuum / High Flow*.



JustVac

TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, brass, ABS and NBR*.
- With our **PUSH system** to use our range of disposables products and the option of Vacuum DISS connector for collection jar.
- **Optimal inlet pressure:** from 400 to 500 kPa.
- **Approximate consumption:** between 30 and 35 l/min depending on the supplied pressure.
- **Maximum reachable vacuum:** 60 kPa.
- **Flow range:** from 0 to 30 l/min.
- **Dimensions:** 130 x 76 x $\varnothing 55$ mm (without connector)
- **Weight:** 450 g (without connector).
- In compliance with the **UNE-EN ISO 10079-3** standard.

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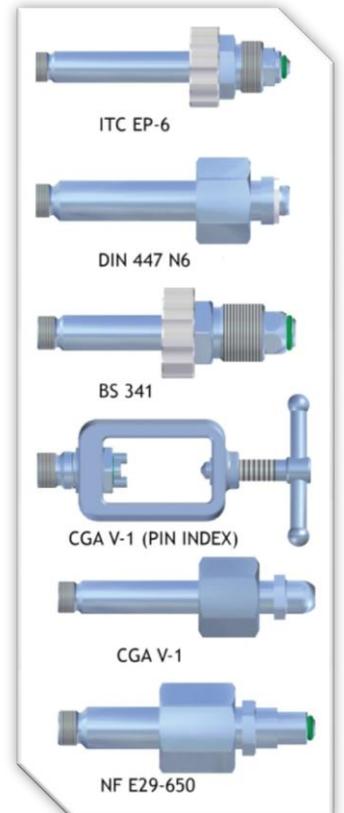
JUST PRESS Series

JUST PRESS B, Gas regulator with valve

Ref.: 10Bi0-----OB / 10Bj0-----OB / 10Bb0-----OB

The **JUST PRESS B** gas regulator is specially designed for its use in home oxygen therapy services or in hospital facilities with no oxygen piped network available.

- Piston gas regulator for its use on oxygen cylinders at 200 bar with a Spanish standard connector (please consult our staff about other connections).
- It incorporates a manometer to read pressure of the cylinder and a side gas outlet (please see “Connectors and valves family” to consult the standards available).



TECHNICAL SPECIFICATIONS

- Manufactured *Anodized Aluminium, Polycarbonate, ABS, Polyamide, Stainless steel and chromed brass.*
- **Precision:** ± 10 %.
- **Maximum supply pressure:** 200 bar.
- **Outlet standard:**
 - DIN 13260
 - NF S 90-116
 - BS 5682
 - SS 8752430
 - ISO 18082 (NIST)
 - CGA V-5 (DISS)
 - Other available on demand
- **Inlet standard:**
 - ITC EP-6
 - BS-341
 - DIN 477
 - ISO 5145
 - CGA V-1
 - NF E29-650
 - Other available on demand
- Calibration: 101,3 kPa and 23 °C.
- Dimensions: Ø40 x 140 mm
- Weight: 625 grs.
- In compliance with **UNE-EN ISO 10524** and **UNE-EN ISO 15002** standards.

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JUST PRESS Series

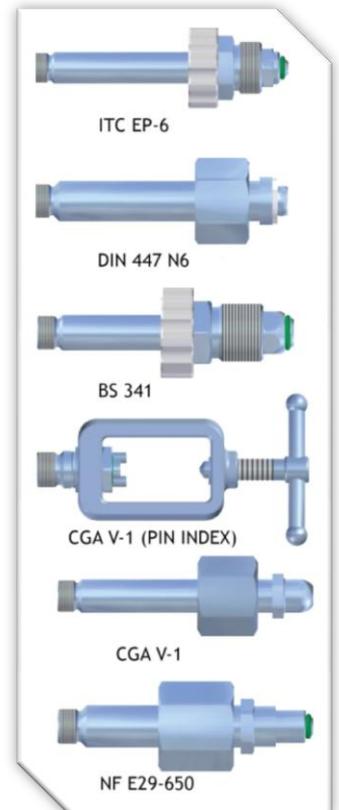
JUST PRESS B, Pressure regulator fixed output with ball flowmeter



Ref.: 10Bf0-----B

The **JUST PRESS B** regulators are specially designed for their use in hospital facilities with no oxygen piped network available. They are not suitable for home oxygen therapy services.

- Piston gas regulator for its use on oxygen cylinders at 200 bar with a Spanish standard connector (*please consult our staff about other connections*).
- It incorporates a ball flowmeter, which is 360° twistable to facilitate the measurements. Available with **4, 6 or 15 l/min** scales.
- It also has a pressure gauge to read the pressure of the bottle.



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, Polycarbonate, Polyamide, stainless steel and chromed brass.*
- **Outlet connection:** DISS 9/16" with a tubing nozzle for removable tube.
- **Precision:** ± 10 %.
- **Maximum inlet pressure:** 200 bar.
- **Available flows:**
 - 0 - 4 l/min (max < 8 l/min)
 - 0 - 6 l/min (max < 10 l/min)
 - 0 - 15 l/min (max < 25 l/min)
- **Inlet standards:**
 - ITC EP-6
 - BS-341
 - DIN 477
 - ISO 5145
 - CGA V-1
 - NF E29-650
 - Other available on demand
- **Calibration:** 101,3 kPa and 23 °C.
- **Dimensions:** 145 x 180 x 100 mm
- **Weight:** 655 g.
- In compliance with **UNE-EN ISO 10524** and **UNE-EN ISO 15002** standards.

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JUST PRESS Series

JUST PRESS B, Pressure regulator fixed output with double outlet ball flowmeter



ITC
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Ref.: 10Bd0-----B

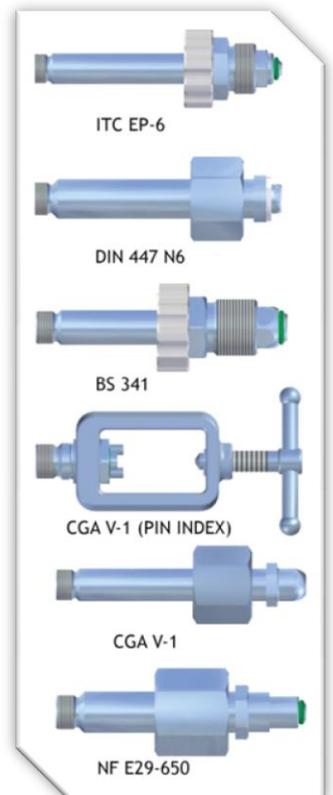
JUST PRESS B is specially designed to be used in medical facilities with no oxygen piped network available. It is not recommended for home care therapy services.

- Piston gas regulator for its use on oxygen cylinders at 200 bar with a Spanish standard connector (consult our staff about other connections).
- It has a flowmeter with 4, 6 or 15 l/min scales, 360° twistable to facilitate measurements.
- It also incorporates a pressure gauge to read the pressure of the bottle.
- The flowmeter has an inferior outlet for a humidifier bottle (not included) and a side one for a nebulizer, which can be easily selected by means of a quarter of a turn revolver.



TECHNICAL SPECIFICATIONS

- Manufactured in *anodized aluminium, polycarbonate, ABS, Polyamide and chromed brass.*
- DISS 9/16" outlet connection with a detachable tube pin.
- **Maximum low flow:** 20 l/min.
- **Precision:** $\pm 10\%$.
- **Maximum supply pressure:** 200 bar.
- **Available flows:**
 - 0 - 4 l/min (max < 8 l/min)
 - 0 - 6 l/min (max < 10 l/min)
 - 0 - 15 l/min (max < 25 l/min)
- **Inlet standards:**
 - ITC EP-6
 - BS-341
 - DIN 477
 - ISO 5145
 - CGA V-1
 - NF E29-650
 - Other available on demand
- **Calibration:** 101,3 kPa and 23 °C.
- **Dimensions:** 145 x 180 x 100 mm
- **Weight:** 990 g.
- In compliance with **UNE-EN ISO 10524** and **UNE-EN ISO 15002** standards.



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JUST PRESS Series

JUST PRESS P, Gas regulator with dial flowmeter

Ref.: 10P-----B

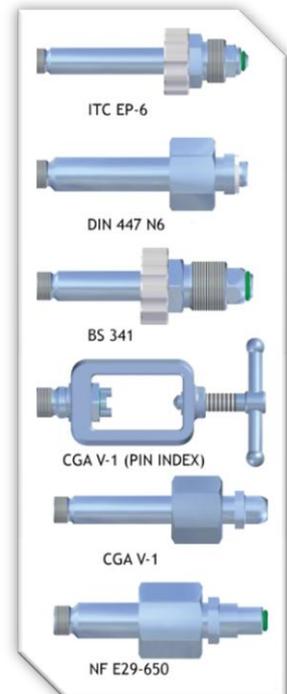
JUST PRESS P is specially designed for its use either in home oxygen therapy services or in hospital facilities with no oxygen piped network available.

- Piston gas regulator for its use on oxygen cylinders at 200 bar with a Spanish standard connector (please consult our staff about other connections).
- Turning the top control button the operator can select the flow that will be supplied by its inferior connection. This selection appears in the front display. Models available for oxygen and medical air with **4, 8, 15, 30 or 50 l/min** top range.
- It incorporates a manometer to read the pressure of the cylinder.



TECHNICAL SPECIFICATIONS

- Manufactured in *Aluminium Alloys, Nickel plated brass, ABS and Stainless Steel.*
- **Precision:**
 - ± 30 % from 0 to 1.5 l/min
 - ± 20 % above 1.5 l/min.
- **Maximum supply pressure:** 200 bar.
- **Lower Pressure:** 4,5 bar ± 0,8 bar.
- **Available flows:**
 - 0-0,2-0,4-0,6-0,8-1-1,5-2-2,5-3-3,5-4 l/min
 - 0-0,3-0,6-1-1,5-2-3-4-5-6-7-8 l/min
 - 0-0,5-1-2-3-4-5-6-8-10-12-15 l/min
 - 0-1-2-4-6-8-10-12-15-20-25-30 l/min
 - 0-3-6-10-15-20-25-30-35-40-45-50 l/min
- **Inlet connections:**
 - ITC EP-6
 - BS-341
 - DIN 477
 - ISO 5145
 - CGA V-1
 - NF E29-650
 - Other available on demand.
- **Outlet connections:**
 - DISS 9/16" (O₂)
 - Nozzle for flexible hose (other gases)
- **Available gases:**
 - O₂
 - Medical Air
 - O₂/He (Mix)
 - CO₂
- **Calibration:** 101,3 kPa and 23 °C.
- **Dimensions:** Ø40 x 135 mm
- **Weight:** 560 g.
- In compliance with **UNE-EN ISO 10524** and **UNE-EN ISO 15002** standards.



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01/2019-Rev.03



ACCESSORIES

Humidifier Bottle

Ref.: 11VSHM2000 / 11VSHM5000

The **humidifier bottle** is designed to increase the concentration of water during oxygen supply.

- Reusable after sterilization thanks to its metallic connection and the materials used in the manufacture process.
- The **disposable humidifier bottle** is for one use only.



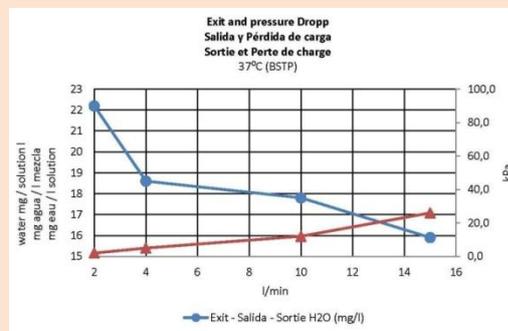
JustHumi



TECHNICAL SPECIFICATIONS

Humidifier bottle:

- Manufactured in *PC, PA, brass and NBR*.
- Connection to flowmeter through a standard DISS 9/16" nozzle.
- **Sterilization:** Autoclave up to 121°C, 1,3 kPa (max. 40 cycles).
- **Overpressure valve:** 1,4 bar
- **Maximum level:** 200 cc.
- **Minimum level:** 100 cc.
- In compliance with **UNE-EN ISO 8185** standard.



Disposable humidifier bottle:

- Manufactured in *poliesthyrene, polyamide, polyethylene and silicone*.
- Connection to flowmeter through a standard DISS 9/16" nozzle.
- One use only.
- **Overpressure valve:** 1,4 bar
- **Maximum level:** 200 cc.
- **Minimum level:** 100 cc.
- Packaged in 25 units boxes.
- In compliance with **UNE-EN ISO 8185** standard.



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ACCESSORIES

Flow Selector

Ref.: 12SDISXDIS

The **Flow selector** is a device able to select, thanks to different flowmeters, a dry or a humid outlet (the latter through a humidifier bottle), without dismantling its components:

- The **Flow selector** is inserted between the flowmeter and the humidifier bottle. For this, they must have a standard DISS connection.
- It has a lower outlet for the DISS humidifier bottle (not included) and a side direct outlet, easily selected by means of a quarter of a turn knob.



TECHNICAL SPECIFICATIONS

- Manufactured in *natural anodized aluminium, chrome-plated brass and nylon*.
- DISS 9/16" connection.
- **Dimensions:** Ø25 x 60 mm.
- **Weight:** 100 g.

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09/2017-Rev.02



Ref.: 1aREGL2C00 / 1aREGL2F00 / 1aREGL3C00 / 1aREGL3F00

This equipment is fit for oxygen supply and suction. It can contain an auxiliary oxygen outlet nozzle, which is fed from the same source.

- It is especially designed to be used in ambulances, but it can be adapted to any other place with an 4.5 bar oxygen source.
- There are multiple configurations, in order to adjust to concrete needs.
- Available in wall and rail version with different equipment configurations.



Just Flow
F-SERIES



Just Flow
C-SERIES



TECHNICAL SPECIFICATIONS

- Dial flowmeter or ball flowmeter, Venturi-effect suction and an additional quick outlet can be configured by the client.
- **Supply pressure:** 4,5 bar.

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Ref.: 11CPBT2000

The oxygen therapy equipment is especially designed for its use in home oxygen therapy services or in hospital facilities with no oxygen piped network available.

- Gas regulator with piston flowmeter to use on an oxygen cylinder at 200 bars.
- Turning the front control, the selected flow that is supplied by the inferior connection will appear on its display.
- It incorporates a manometer to read the pressure of the cylinder.
- It also includes a humidifier bottle.



Just Press



TECHNICAL SPECIFICATIONS

- Cart of 340 x 316 x 1110 mm dimensions, manufactured in *lacquered steel*, with Ø200 mm wheels and security belts for the cylinder.
- Gas regulator with dial flowmeter with scales at: 0-0,5-1-2-3-4-5-6-8-10-12 and 15 l/min. (other scales available).
- 10 l oxygen cylinder (2.000 l of oxygen).
- Humidifier bottle.
- **Weight:** 22,0 Kg.

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JUST VAC Series

Collection jars

Ref.: 11VSRC0300 / 11VSRC0500 / 11VSRC1000 / 11VSRC2000

The **Collection Jar** is designed to collect suction fluids. It incorporates an overflow trap and is available in different volumes: 300, 500, 1000 and 2000ml.

- Reusable after sterilization thanks to its metallic connection and the materials used in the manufacture process.



TECHNICAL SPECIFICATIONS

300 cc and 500 cc jars:

- Manufactured in *PC, PA, chrome-plated brass and NBR.*
- Connection to the vacuum regulator with a DISS 3/4-16 UNF nozzle.
- **Sterilizable** in autoclave up to 121 °C and 1,3 kPa (max. 40 cycles)
- **Maximum level:**
 - 11VSRC0300: 300 cc.
 - 11VSRC0500: 500 cc.



1000 cc and 2000 cc Jars:

- Manufactured in *PC, PA y lacquered steel (RAL 9010).*
- Connection to the vacuum regulator by flexible hose.
- **Sterilizable** in autoclave up to 120 °C.
- **Maximum level:**
 - 11VSRC1000: 1000 cc.
 - 11VSRC2000: 2000 cc.



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09/2017-Rev.02



ACCESORIES

PUSH system accesories

Ref.: 11VPET1000 / 11VPET2000 / 11ADSBY000 / 12COMN1020 / 11VAPI1400 / 11VAPI1800

The **PUSH System** of the **JUST VAC** suction units, allows a quick and easy replacement of accessories specially designed to protect the device from possible overflow bottles or from the dragging of particles inside.

- Pressing the **PUSH** button, the accessory is released for its replacement.
- To adapt the accessories to suction units that do not incorporate the **PUSH System**, we have devices with 1/4" and 1/8" BSP.



Order Specifications

11VPFT1000 - Disposable filter for **PUSH System**. (pack of 10 units).

11VPFB2000 - Disposable filter with safety overflow trap for **PUSH System** (pack of 20 units).

11ADSBY000 - Vacuum DISS connector with **PUSH System**.

12COMN1020 - Metallic connector for flexible hose with **PUSH System**.

11VAPI1400 - **PUSH System** with BSP 1/4" male thread.

11VAPI1800 - **PUSH System** with BSP 1/8" male thread.



TECHNICAL SPECIFICATIONS

Disposable filters made from **Polystyrene and Polyurethane Foam**.

Connectors in chrome-plated brass.

Devices **PUSH** in ABS, chrome-plated brass and NBR.

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