

COMMON KEY FEATURES

- ⇒ Pump flow rate control
- ⇒ PTFE diaphragm
- ⇒ Stroke frequency control 0÷100%
- ⇒ Double scale pulse frequency: 0÷100% / 0÷20%
- ⇒ Constant / On-Off dosing mode
- ⇒ 2 LED display status
- ⇒ On-Off power switch
- ⇒ Durable quality / Price effective
- ⇒ Die-cast Aluminium housing-Anti-acid paint coating
- ⇒ IP65 protection rating
- ⇒ Level control setting
- ⇒ Series **VX C/AL** includes level switch
- ⇒ Stroke length adjustment (ON REQUEST up to 20 l/h)



VX-C/A

wall mounting

PUMP CONTROL MODE

Constant mode: knowing the amount of additive to inject into the system, pump flow rate is adjusted via strokes frequency knob. The pump will constantly perform the dosing operation according to the flow rate selected by the selected frequency. Connected to a Remote On/Off equipment, the pump will start and stop operations according to the external contact.

Double scale frequency adjustment: for accurate control of low output, pump frequency pulses reduction from 0÷100% to 0÷20%.

UPON REQUEST Stroke length adjustment: regulation of injection volume that combined with speed control allows top accuracy. Stroke knob is mounted behind the pump head allowing control for wall mounting dosing pumps.

Only for pump up to 20 l/h



VX MAIN TECHNICAL FEATURES

Power supply: 230 Vac-1 phase- 50/60 Hz / ± 5%	Power cable: 1,5 m grounded with plug Siemens
Upon request: 110 Vac; 24 Vac; 24 dc; 12 dc	Ambient working temperature: 45°C
Injection frequency adjustment: 0÷100%	Voltage working range: min.207V – Max 253 V
Reproducibility under standard conditions: ± 5%	Voltage Peak: Max 270 V
LEVEL CONTROL SETTING (switch on request)	Wall mounting housing: Aluminium with Epoxy paint

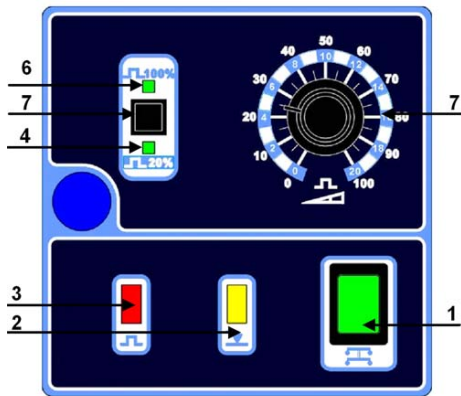
LIQUID ENDS MATERIAL

Parts in contact with liquid	Standard Version	Upon request
Pump head	PVC - PP (10-20 l/h)	PVC; AISI 316; PVDF ;PTFE
Diaphragm	PTFE	-----
Reed type "Lip" Valve	FPM (Viton ®)	EPDM (Dutral®)
Seals/O-rings	FPM	EPDM
Injection Fitting	PP	AISI 316; PTFE
Foot Valve/Filter Fitting	PP	AISI 316; PTFE
Suction Hose /Air Bleed hose	PVC	-----
Discharge Hose	PE	-----
Injection Sleeve-No return Valve	FPM	EPDM

UPON REQUEST:

Ball check valve	Glass Pyrex	AISI 316; Ceramic
Injection Spring-Ball Valve	Hastelloy/Pyrex	AISI 316; Ceramic

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- 1 - ON/OFF light switch "green"
- 2 - Level L.E.D. "yellow"
- 3 - Pulse L.E.D. "red"
- 4 - 20% flow scale read out.
- 5 - Twin scale adjustment 0-100% - 0-20%
- 6 - 100% flow scale read out
- 7 - Flow rate adjustment

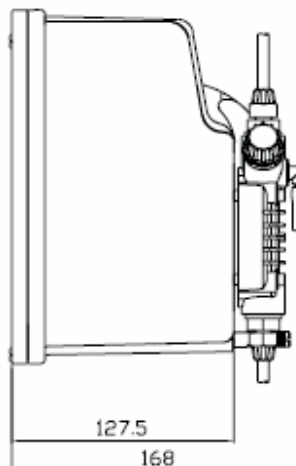
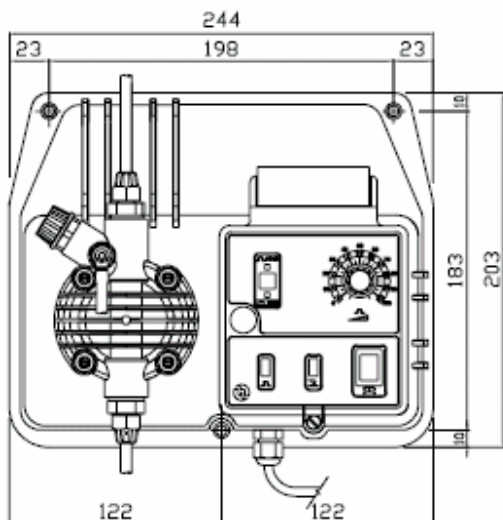
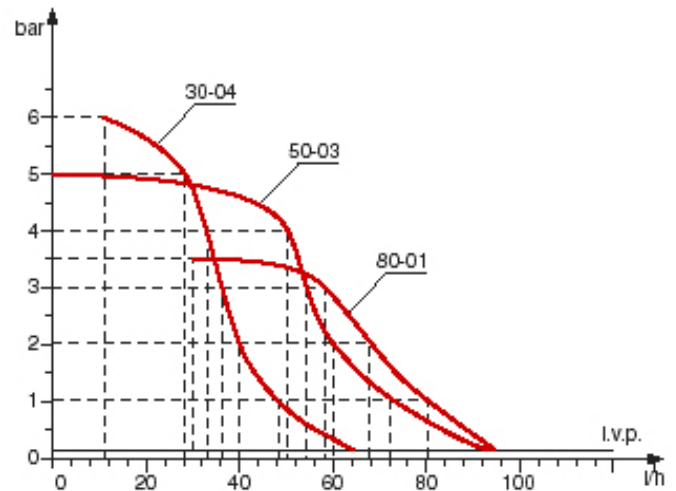
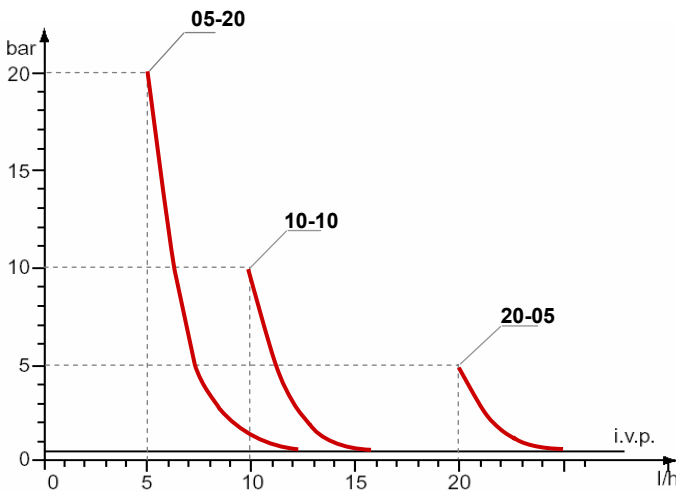
TECHNICAL CHARACTERISTICS WALL MOUNTING VERSION

Type	Max Flow at Max Pressure		Stroke frequency per min.	Stroke volume ml (cc)	Stroke length mm	Power consumption watt	Hose size mm	Pump head model	Max suction lift m
	l/h	bar							
VX C/A 05-20*	5	20	160	0,69	1,5	115	4x6	PVC 3/8"	2
VX C/A 10-10	10	10	160	1,04	1,1	93	4x6	PP 3/8"	2
VX C/A 20-05*	20	5	160	2.08	2,2	111	4x6	PP 3/8"	2
VX C/A 30-04*	30	4	180	2,80	1,4	124	4x6	PVC 1/2"	1,5
VX C/A 50-03*	50	3	180	4,60	1,7	124	4x6	PVC 1/2"	1,5
VX C/A 80-01*	80	1	180	7,40	2,4	124	4x6	PVC 1/2"	1,5

(*) These pump are NOT provided air bleed valve pump head.

PERFORMANCE CURVES

The diagrams indicate max pump flow variation in relation to the working pressure in the plant; diagrams also include injection valve losses. I.V.P. **NOTE:** flow rates obtained testing the pump with medium hardness water at rated pressure, 1,5 m suction lift, room temperature



ACCESSORIES PROVIDED WITH THE PUMPS

- 1 - Injection No-return sleeve valve
- 1 - Foot Valve/Filter
- 1 - Level switch with fixing bracket (C/AL)
- 2 m - Discharge Hose (white)
- 2 m - Suction Hose PVC flexible
- 1,5 m - Air Bleed Hose PVC flexible