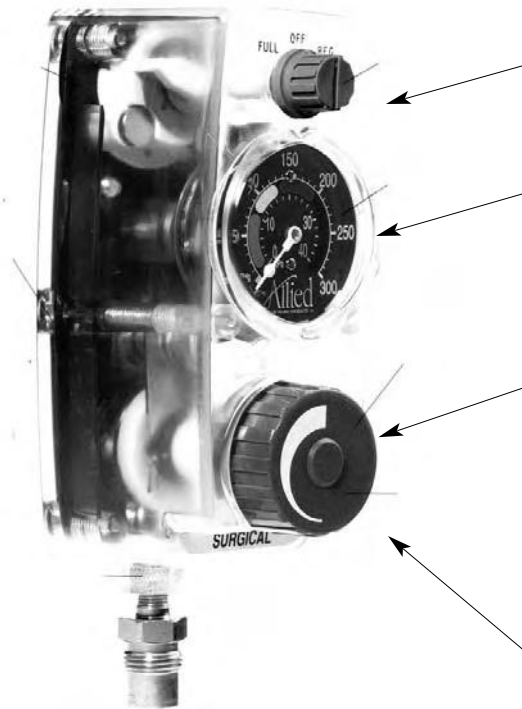


# Suction Regulators

## Discover A Big Improvement In Continuous Suction Regulators. The New (and smaller) Vacutron®



- Slimmer line saves space, yet model is more durable than ever.
- Weight-bearing brass post prevents case from cracking. Various inlet and outlet fittings make it compatible with existing fixtures in any medical facility.
- Maintenance is easy. Clean by flushing with cold sterilant.



- Easy access ON/OFF knob gives full line capability on the surgical model.
- Color coded glow-in-the-dark gauge face provides easy readability under any condition. Gauge is secured by a screw for durability.
- 0-200 mmHg is achieved with just one full turn of the knob. Vacuum limited valve on the continuous O.N.T. model limits vacuum at 240 mmHg to prevent tissue destruction.
- New larger knob for quick, fumble-free action. Exposed bottom allows easy thumb-wheel adjustment. Over-sized knob for easy operation.

Note:  
Please add #32-  
to all product  
numbers.

		BACK INLET										
VACUTRON® MODEL	BOTTOM OUTLET	ELBOW HOSE STEM	CHEMETRON Q.C. RECT.	*CHEMETRON Q.C. ROUND	DISS FEMALE	NO ADAPTER	1/8 NPT FEMALE	**1-1/4" x 1/8 NPT	OHMEDA DIAMOND	PURITAN- BENNETT	OXEQIP MED*STAR®	DISS HANDTIGHT
CONTINUOUS	DISS MALE	22-13-0102	22-13-1108	22-13-1113	22-13-1107	22-13-0100	22-13-1100	22-13-1106	22-13-1105	22-13-1104	22-13-1111	
	BARBED STEM	22-13-0202	22-13-1208	22-13-1213	22-13-1207	22-13-0200	22-13-1200	22-13-1206	22-13-1205	22-13-1204	22-13-1211	
	BACTERIA FLTR	22-13-0502	22-13-1508	22-13-1513	22-13-1507	22-13-0500	22-13-1500	22-13-1506	22-13-1505	22-13-1504	22-13-1511	
SURGICAL	DISS MALE	22-12-0102	22-12-1108	22-12-1113	22-12-1107	22-12-0100	22-12-1100	22-12-1106	22-12-1105	22-12-1104	22-12-1111	
	BARBED STEM	22-12-0202	22-12-1208	22-12-1213	22-12-1207	22-12-0200	22-12-1200	22-12-1206	22-12-1205	22-12-1204	22-12-1211	
	45° DISS MALE	22-12-0402	22-12-1408	22-12-1413	22-12-1407	22-12-0400	22-12-1400	22-12-1406	22-12-1405	22-12-1404	22-12-1411	
	BACTERIA FLTR	22-12-0502	22-12-1508	22-12-1513	22-12-1507	22-12-0500	22-12-1500	22-12-1506	22-12-1505	22-12-1504	22-12-1511	
HIGH VACUUM	DISS MALE	22-14-0102	22-14-1108	22-14-1113	22-14-1107	22-14-0100	22-14-1100	22-14-1106	22-14-1105	22-14-1104	22-14-1111	
	BARBED STEM	22-14-0202	22-14-1208	22-14-1213	22-14-1207	22-14-0200	22-14-1200	22-14-1206	22-14-1205	22-14-1204	22-14-1211	
	45° DISS MALE	22-14-0402	22-14-1408	22-14-1413	22-14-1407	22-14-0400	22-14-1400	22-14-1406	22-14-1405	22-14-1404	22-14-1411	
	BACTERIA FLTR	22-14-0502	22-14-1508	22-14-1513	22-14-1507	22-14-0500	22-14-1500	22-14-1506	22-14-1505	22-14-1504	22-14-1511	
LOW VACUUM	DISS MALE	22-19-0102	22-19-1108	22-19-1113	22-19-1107	22-19-0100	22-19-1100	22-19-1106	22-19-1105	22-19-1104	22-19-1111	
	BARBED STEM	22-19-0202	22-19-1208	22-19-1213	22-19-1207	22-19-0200	22-19-1200	22-19-1206	22-19-1205	22-19-1204	22-19-1211	
	BACTERIA FLTR	22-19-0502	22-19-1508	22-19-1513	22-19-1507	22-19-0500	22-19-1500	22-19-1506	22-19-1505	22-19-1504	22-19-1511	

\* Used in 1966 and earlier gas outlets.

\*\* Comes with all models except 1/8" NPT Female.

# Suction Regulators

Continuous/  
Intermittent



Pediatric  
Continuous/  
Intermittent



Intermittent



Specifications:

## Pediatric Continuous

FEATURE	CONT/INT	INTERMITTENT	PEDIATRIC CONT/INT	PEDIATRIC ONLY
Selector Switches — Modes Available: Intermittent Mode Continuous Mode Off	Yes Yes Yes	Yes No Yes	Yes Yes Yes	No Yes Yes
Operating Range: Intermittent Mode Continuous Mode <i>(Maximum vacuum levels are limited by the source vacuum available)</i>	150 mmHg ± 10 220 mmHg ± 20	150 mmHg ± 10 N/A	110 mmHg ± 10 130 mmHg ± 10	N/A 130 mmHg ± 10
Flow Rate: Intermittent Mode <i>(Depending on equipment configuration, supply vacuum, and air flow)</i> Continuous Mode	10 LPM @ 50 mmHg 80 LPM	10 LPM @ 50 mmHg N/A	25 LPM @ 50 mmHg 40 LPM	N/A 40 LPM
Safety Relief Valves <i>(Not to exceed)</i> Intermittent Mode Continuous Mode	150 mmHg ± 10 220 mmHg ± 20	150 mmHg ± 10 N/A	110 mmHg ± 10 150 mmHg ± 10	N/A 150 mmHg ± 10
Operation Line (Source) Vacuum Range	12" to 30" Hg Unit Calibrated at 18" Hg Vacuum Source			
Overall Dimensions	6.8" (174 mm) High x 2.65" (67 mm) Wide x 4.07" (104 mm) Deep			
Weight	1.5 lbs. (0.75 kg)			

Ordering Information:

VACUTRON® MODEL		BACK INLET									
		BOTTOM OUTLET	ELBOW HOSE STEM	CHEMETRON Q.C. RECT.	*CHEMETRON Q.C. ROUND	DISS FEMALE	1/8 NPT FEMALE	**1-1/4" x 1/8" NPT	OHMEDA DIAMOND	PURITAN-BENNETT	OXEQUIP MED*STAR™
CONTINUOUS-INTERMITTENT	DISS MALE	22-15-0102	22-15-1108	22-15-1113	22-15-1107	22-15-0100	22-15-1100	22-15-1106	22-15-1105	22-15-1104	22-15-1109
	BARBED STEM	22-15-0202	22-15-1208	22-15-1213	22-15-1207	22-15-0200	22-15-1200	22-15-1206	22-15-1205	22-15-1204	22-15-1209
	45° DISS MALE	22-15-0402	22-15-1408	22-15-1413	22-15-1407	22-15-0400	22-15-1400	22-15-1406	22-15-1405	22-15-1404	22-15-1409
	BACTERIA FILTR	22-15-0502	22-15-1508	22-15-1513	22-15-1507	22-15-0500	22-15-1500	22-15-1506	22-15-1505	22-15-1504	22-15-1509
INTERMITTENT	DISS MALE	22-16-0102	22-16-1108	22-16-1113	22-16-1107	22-16-0100	22-16-1100	22-16-1106	22-16-1105	22-16-1104	22-16-1109
	BARBED STEM	22-16-0202	22-16-1208	22-16-1213	22-16-1207	22-16-0200	22-16-1200	22-16-1206	22-16-1205	22-16-1204	22-16-1209
	45° DISS MALE	22-16-0402	22-16-1408	22-16-1413	22-16-1407	22-16-0400	22-16-1400	22-16-1406	22-16-1405	22-16-1404	22-16-1409
	BACTERIA FILTR	22-16-0502	22-16-1508	22-16-1513	22-16-1507	22-16-0500	22-16-1500	22-16-1506	22-16-1505	22-16-1504	22-16-1509
PEDIATRIC CONTINUOUS-INTERMITTENT	DISS MALE	22-17-0102	22-17-1108	22-17-1113	22-17-1107	22-17-0100	22-17-1100	22-17-1106	22-17-1105	22-17-1104	22-17-1109
	BARBED STEM	22-17-0202	22-17-1208	22-17-1213	22-17-1207	22-17-0200	22-17-1200	22-17-1206	22-17-1205	22-17-1204	22-17-1209
	BACTERIA FILTR	22-17-0502	22-17-1508	22-17-1513	22-17-1507	22-17-0500	22-17-1500	22-17-1506	22-17-1505	22-17-1504	22-17-1509
PEDIATRIC CONTINUOUS ONLY	DISS MALE	22-18-0102	22-18-1108	22-18-1113	22-18-1107	22-18-0100	22-18-1100	22-18-1106	22-18-1105	22-18-1104	22-18-1109
	BARBED STEM	22-18-0202	22-18-1208	22-18-1213	22-18-1207	22-18-0200	22-18-1200	22-18-1206	22-18-1205	22-18-1204	22-18-1209
	BACTERIA FILTR	22-18-0502	22-18-1508	22-18-1513	22-18-1507	22-18-0500	22-18-1500	22-18-1506	22-18-1505	22-18-1504	22-18-1509

\* Used in 1966 and earlier gas outlets.

\*\* Comes with all models except 1/8" NPT Female.

# Suction Regulators

Continuous 2 Mode



#EB-VR-C2U2-F2D

Continuous 3 Mode



#EB-VR-C3U2-F2A

Continuous High VAC



#EB-VR-CHU2-F2D

Continuous/Intermittent (combo)



#EB-VR-CIU2-F2A

Pediatric 2 Mode



#EB-VR-P2U2-F2D

Pediatric Continuous/Intermittent (combo)



#EB-VR-PIU2-F2A

# Suction Regulators/Analog Gauge

## Continuous Models










- C2- Continuous 2 Mode (0-300 mmHg)
- C3- Continuous 3 Mode (0-300 mmHg)
- CH- Continuous High VAC (0-760 mmHg)
- P2- Pediatric Continuous (0-160 mmHg)

All Product Numbers have a Prefix of "EB-"

Example: #EB-VR-C3U2-F2D



#EB-VR-C3U2-F2A










OUTLET-TO-PATIENT		Inlet-To-Wall							
		No Fitting							
		"F2"	"OM"	"CM"	"PM"	"DH"	"DN"	"XM"	"MM"
No Fitting "2"	VR-C2U2-F2A	VR-C2U2-OMA	VR-C2U2-CMA	VR-C2U2-PMA	VR-C2U2-DHA	VR-C2U2-DNA	VR-C2U2-XMA	VR-C2U2-MMA	
	VR-C3U2-F2A	VR-C3U2-OMA	VR-C3U2-CMA	VR-C3U2-PMA	VR-C3U2-DHA	VR-C3U2-DNA	VR-C3U2-XMA	VR-C3U2-MMA	
	VR-CHU2-F2A	VR-CHU2-OMA	VR-CHU2-CMA	VR-CHU2-PMA	VR-CHU2-DHA	VR-CHU2-DNA	VR-CHU2-XMA	VR-CHU2-MMA	
	VR-P2U2-F2A	VR-P2U2-OMA	VR-P2U2-CMA	VR-P2U2-PMA	VR-P2U2-DHA	VR-P2U2-DNA	VR-P2U2-XMA	VR-P2U2-MMA	
Tubing Nipple "T" 	VR-C2UT-F2A	VR-C2UT-OMA	VR-C2UT-CMA	VR-C2UT-PMA	VR-C2UT-DHA	VR-C2UT-DNA	VR-C2UT-XMD	VR-C2UT-MMA	
	VR-C3UT-F2A	VR-C3UT-OMA	VR-C3UT-CMA	VR-C3UT-PMA	VR-C3UT-DHA	VR-C3UT-DNA	VR-C3UT-XMD	VR-C3UT-MMA	
	VR-CHUT-F2A	VR-CHUT-OMA	VR-CHUT-CMA	VR-CHUT-PMA	VR-CHUT-DHA	VR-CHUT-DNA	VR-CHUT-XMA	VR-CHUT-MMA	
	VR-P2UT-F2A	VR-P2UT-OMA	VR-P2UT-CMA	VR-P2UT-PMA	VR-P2UT-DHA	VR-P2UT-DNA	VR-P2UT-XMA	VR-P2UT-MMA	
DISS "D" 	VR-C2UD-F2A	VR-C2UD-OMA	VR-C2UD-CMA	VR-C2UD-PMA	VR-C2UD-DHA	VR-C2UD-DNA	VR-C2UD-XMA	VR-C2UD-MMA	
	VR-C3UD-F2A	VR-C3UD-OMA	VR-C3UD-CMA	VR-C3UD-PMA	VR-C3UD-DHA	VR-C3UD-DNA	VR-C3UD-XMA	VR-C3UD-MMA	
	VR-CHUD-F2A	VR-CHUD-OMA	VR-CHUD-CMA	VR-CHUD-PMA	VR-CHUD-DHA	VR-CHUD-DNA	VR-CHUD-XMA	VR-CHUD-MMA	
	VR-P2UD-F2A	VR-P2UD-OMA	VR-P2UD-CMA	VR-P2UD-PMA	VR-P2UD-DHA	VR-P2UD-DNA	VR-P2UD-XMA	VR-P2UD-MMA	

## Continuous/Intermittent Models

- CI- Continuous Intermittent - COMBO (0-300 mmHg)
- PI- Pediatric Continuous Intermittent - COMBO (0-160 mmHg)



#EB-VR-CIU2-F2A

OUTLET-TO-PATIENT		Inlet-To-Wall							
		No Fitting							
		"F2"	"OM"	"CM"	"PM"	"DH"	"DN"	"XM"	"MM"
No Fitting "2"	VR-CIU2-F2A	VR-CIU2-OMA	VR-CIU2-CMA	VR-CIU2-PMA	VR-CIU2-DHA	VR-CIU2-DNA	VR-CIU2-XMA	VR-CIU2-MMA	
	VR-PIU2-F2A	VR-PIU2-OMA	VR-PIU2-CMA	VR-PIU2-PMA	VR-PIU2-DHA	VR-PIU2-DNA	VR-PIU2-XMA	VR-PIU2-MMA	
Tubing Nipple "T" 	VR-CIUT-F2A	VR-CIUT-OMA	VR-CIUT-CMA	VR-CIUT-PMA	VR-CIUT-DHA	VR-CIUT-DNA	VR-CIUT-XMA	VR-CIUT-MMA	
	VR-PIUT-F2A	VR-PIUT-OMA	VR-PIUT-CMA	VR-PIUT-PMA	VR-PIUT-DHA	VR-PIUT-DNA	VR-PIUT-XMA	VR-PIUT-MMA	
DISS "D" 	VR-CIUD-F2A	VR-CIUD-OMA	VR-CIUD-CMA	VR-CIUD-PMA	VR-CIUD-DHA	VR-CIUD-DNA	VR-CIUD-XMA	VR-CIUD-MMA	
	VR-PIUD-F2A	VR-PIUD-OMA	VR-PIUD-CMA	VR-PIUD-PMA	VR-PIUD-DHA	VR-PIUD-DNA	VR-PIUD-XMA	VR-PIUD-MMA	

## Color Suffix

Your choice of colors by adding any of the following suffixes to the part number. White is standard if not otherwise specified



- Y-Yellow
- R-Red
- B-Blue
- G-Green
- P-Purple
- E-Grey



#EB-VR-C3U2-F2AB

# Suction Regulators/Digital Gauge

## Continuous Models










- C2- Continuous 2 Mode (0-300 mmHg)
- C3- Continuous 3 Mode (0-300 mmHg)
- CH- Continuous High VAC (0-760 mmHg)
- P2- Pediatric Continuous (0-160 mmHg)

All Product Numbers have a Prefix of "EB-"

Example: #EB-VR-CHU2-F2D

#EB-VR-CHU2-F2D












OUTLET-TO-PATIENT		Inlet-To-Wall							
		No Fitting							
		"F2"	"OM"	"CM"	"PM"	"DH"	"DN"	"XM"	"MM"
No Fitting "2"	VR-C2U2-F2D	VR-C2U2-OMD	VR-C2U2-CMD	VR-C2U2-PMD	VR-C2U2-DHD	VR-C2U2-DND	VR-C2U2-XMD	VR-C2U2-MMD	
	VR-C3U2-F2D	VR-C3U2-OMD	VR-C3U2-CMD	VR-C3U2-PMD	VR-C3U2-DHD	VR-C3U2-DND	VR-C3U2-XMD	VR-C3U2-MMD	
	VR-CHU2-F2D	VR-CHU2-OMD	VR-CHU2-CMD	VR-CHU2-PMD	VR-CHU2-DHD	VR-CHU2-DND	VR-CHU2-XMD	VR-CHU2-MMD	
	VR-P2U2-F2D	VR-P2U2-OMD	VR-P2U2-CMD	VR-P2U2-PMD	VR-P2U2-DHD	VR-P2U2-DND	VR-P2U2-XMD	VR-P2U2-MMD	
Tubing Nipple "T" 	VR-C2UT-F2D	VR-C2UT-OMD	VR-C2UT-CMD	VR-C2UT-PMD	VR-C2UT-DHD	VR-C2UT-DND	VR-C2UT-XMD	VR-C2UT-MMD	
	VR-C3UT-F2D	VR-C3UT-OMD	VR-C3UT-CMD	VR-C3UT-PMD	VR-C3UT-DHD	VR-C3UT-DND	VR-C3UT-XMD	VR-C3UT-MMD	
	VR-CHUT-F2D	VR-CHUT-OMD	VR-CHUT-CMD	VR-CHUT-PMD	VR-CHUT-DHD	VR-CHUT-DND	VR-CHUT-XMD	VR-CHUT-MMD	
	VR-P2UT-F2D	VR-P2UT-OMD	VR-P2UT-CMD	VR-P2UT-PMD	VR-P2UT-DHD	VR-P2UT-DND	VR-P2UT-XMD	VR-P2UT-MMD	
DISS "D" 	VR-C2UD-F2D	VR-C2UD-OMD	VR-C2UD-CMD	VR-C2UD-PMD	VR-C2UD-DHD	VR-C2UD-DND	VR-C2UD-XMD	VR-C2UD-MMD	
	VR-C3UD-F2D	VR-C3UD-OMD	VR-C3UD-CMD	VR-C3UD-PMD	VR-C3UD-DHD	VR-C3UD-DND	VR-C3UD-XMD	VR-C3UD-MMD	
	VR-CHUD-F2D	VR-CHUD-OMD	VR-CHUD-CMD	VR-CHUD-PMD	VR-CHUD-DHD	VR-CHUD-DND	VR-CHUD-XMD	VR-CHUD-MMD	
	VR-P2UD-F2D	VR-P2UD-OMD	VR-P2UD-CMD	VR-P2UD-PMD	VR-P2UD-DHD	VR-P2UD-DND	VR-P2UD-XMD	VR-P2UD-MMD	

## Continuous/Intermittent Models

- CI- Continuous Intermittent - COMBO (0-300 mmHg)
- PI- Pediatric Continuous Intermittent - COMBO (0-160 mmHg)

#EB-VR-PIU2-F2D



OUTLET-TO-PATIENT		Inlet-To-Wall							
		No Fitting							
		"F2"	"OM"	"CM"	"PM"	"DH"	"DN"	"XM"	"MM"
No Fitting "2"	VR-CIU2-F2D	VR-CIU2-OMD	VR-CIU2-CMD	VR-CIU2-PMD	VR-CIU2-DHD	VR-CIU2-DND	VR-CIU2-XMD	VR-CIU2-MMD	
	VR-PIU2-F2D	VR-PIU2-OMD	VR-PIU2-CMD	VR-PIU2-PMD	VR-PIU2-DHD	VR-PIU2-DND	VR-PIU2-XMD	VR-PIU2-MMD	
Tubing Nipple "T" 	VR-CIUT-F2D	VR-CIUT-OMD	VR-CIUT-CMD	VR-CIUT-PMD	VR-CIUT-DHD	VR-CIUT-DND	VR-CIUT-XMD	VR-CIUT-MMD	
	VR-PIUT-F2D	VR-PIUT-OMD	VR-PIUT-CMD	VR-PIUT-PMD	VR-PIUT-DHD	VR-PIUT-DND	VR-PIUT-XMD	VR-PIUT-MMD	
DISS "D" 	VR-CIUD-F2D	VR-CIUD-OMD	VR-CIUD-CMD	VR-CIUD-PMD	VR-CIUD-DHD	VR-CIUD-DND	VR-CIUD-XMD	VR-CIUD-MMD	
	VR-PIUD-F2D	VR-PIUD-OMD	VR-PIUD-CMD	VR-PIUD-PMD	VR-PIUD-DHD	VR-PIUD-DND	VR-PIUD-XMD	VR-PIUD-MMD	

## Color Suffix

Your choice of colors by adding any of the following suffixes to the part number. White is standard if not otherwise specified



- Y-Yellow
- R-Red
- B-Blue
- G-Green
- P-Purple
- E-Grey



#EB-VR-C3U2-F2DP

# Suction Regulators



**SR Series**  
SR2204 Regulator  
w/Chrome-Plated Brass Body

**SRA Series**  
SRA2204 Regulator  
w/Anodized Aluminum Body

**SR Series:** Brass Chrome-Plated Regulators  
**SRA Series:** Black Anodized Aluminum Regulators

Note:  
Please add #34- to all  
product numbers

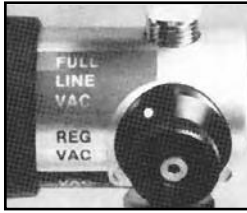
Type	Suction	Surgical	Surgical Full Vac	Tracheal	Tracheal Full Vac	Tracheal Side	Nursery	Gastric
Range	0 - 200 mmHg	0 - 200 mmHg	0 - Full Vacuum	0 - 160 mmHg	0 - Full Vacuum	0 - 160 mmHg	0 - 100 mmHg	0 - 200 mmHg
Flow	0 - 80 LPM	0 - 80 LPM	0 - 90 LPM	0 - 80 LPM	0 - 90 LPM	0 - 80 LPM	0 - 30 LPM	0 - 3 LPM
Inlet Connections								
Regulators with Standard Inlet 1/4" NPT Female	SR2101 SRA2101	SR2201 SRA2201	SR2301 SRA2301	SR2401 SRA2401	SR2501 SRA2501	SR2601 SRA2601	SR2701 SRA2701	SR2801 SRA2801
1/8" NPT Female	SR2102 SRA2102	SR2202 SRA2202	SR2302 SRA2302	SR2402 SRA2402	SR2502 SRA2502	SR2602 SRA2602	SR2702 SRA2702	SR2802 SRA2802
DISS Hex Nut and Nipple	SR2103 SRA2103	SR2203 SRA2203	SR2303 SRA2303	SR2403 SRA2403	SR2503 SRA2503	SR2603 SRA2603	SR2703 SRA2703	SR2803 SRA2803
DISS Handtight Nut and Nipple*	SR2104 SRA2104	SR2204 SRA2204	SR2304 SRA2304	SR2404 SRA2404	SR2504 SRA2504	SR2604 SRA2604	SR2704 SRA2704	SR2804 SRA2804
1/4" NPT Male	SR2105 SRA2105	SR2205 SRA2205	SR2305 SRA2305	SR2405 SRA2405	SR2505 SRA2505	SR2605 SRA2605	SR2705 SRA2705	SR2805 SRA2805
Oxequip® Adaptor	SR2106 SRA2106	SR2206 SRA2206	SR2306 SRA2306	SR2406 SRA2406	SR2506 SRA2506	SR2606 SRA2606	SR2706 SRA2706	SR2806 SRA2806
Ohmeda® Adaptor*	SR2107 SRA2107	SR2207 SRA2207	SR2307 SRA2307	SR2407 SRA2407	SR2507 SRA2507	SR2607 SRA2607	SR2707 SRA2707	SR2807 SRA2807
Puritan® Adaptor	SR2108 SRA2108	SR2208 SRA2208	SR2308 SRA2308	SR2408 SRA2408	SR2508 SRA2508	SR2608 SRA2608	SR2708 SRA2708	SR2808 SRA2808
Chemetron® Adaptor*	SR2109 SRA2109	SR2209 SRA2209	SR2309 SRA2309	SR2409 SRA2409	SR2509 SRA2509	SR2609 SRA2609	SR2709 SRA2709	SR2809 SRA2809

Note: Regulators are supplied with DISS 1220 Male Outlet as standard.  
Color-coded white for USA.

# Suction Regulators

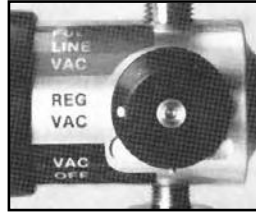
## MED\* STAR QUADRA - VAC

### QUADRA - VAC™ FEATURES



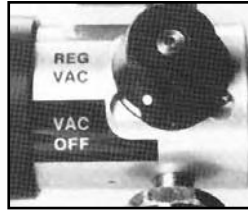
**Full Line Vacuum**

Allows 90 liters of unrestricted medical air flow.\*Ideal for use in operating rooms to remove excessive fluids, small solids and tenacious clots.



**Regulated Vacuum**

Allows user to precisely adjust the regulator to the desired degree of suction. Also allows regulator to be returned to pre-set suction after unit has been in full line or off position without readjustment.



**Vacuum Off**

A positive shut-off for the entire regulator. Eliminates the need to remove the unit from the wall outlet. Prevents costly vacuum leaks. Allows hospital personnel to return to pre-set regulated mode.



**Multi-Fluted Bellows**

Increased number of convolutions and larger deflection area improves adjustment sensitivity over diaphragm or diaphragm bellows type regulators.



**Regulating Control**

Larger finger-tip control knob provides smooth refined rotation which, along with the multi-fluted bellows system, yields unsurpassed adjustment sensitivity.



**Modular Design**

Allows key components to be maintained or replaced with minimal downtime. All metal construction.

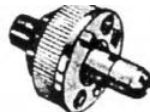


\* Tested under a supply pressure of 20 inches hg. with 3/4 inch pipeline.

Quadra - Vac - Suction Regulator							
	Med-Star	Twist	D.I.S.S.	1/8 FPT Inlet	Ohio	Chemetron	Puritan-Bennett
<b>Surgical</b>	#21-197-LR	#21-197-R	#21-D-197-R	#21-197-GR	#21-O-197-GR	#21-N-197-GR	#21-P-197-GR
<b>Standard</b>	#21-197-LRS	#21-197-RS	#21-D-197-RS	#21-197-GRS	#21-O-197-GRS	#21-N-197-GRS	#21-P-197-GRS
<b>Pediatric</b>	#21-197-LRP	#21-197-RP	#21-D-197-RP	#21-197-GRP	N/A	N/A	#21-P-197-GRP



**#69-20107**



**#69-20145**



**#69-20174**



**#69-20158**



**#69-20412**

### VACUUM ADAPTERS



**69-20223**



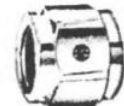
**69-30300**

- #69-20107**
- #69-20145**
- #69-20174**
- #69-20158**
- #69-20412**
- #69-20294**
- #69-20188**
- #69-20223**
- #69-30300**

Chemetron vacuum adapter X 1/8-27 Male  
 OHMEDA type vacuum adapter x 1/8-27 male  
 Puritan vacuum adapter x 1/8-27 male  
 Oxequip vacuum adapter x 1/8-27 male  
 Schrader vacuum adapter x 1/8-27 male  
 Oxequip vacuum adapter x 1/8-27 male (non-swivel)  
 Vacuum Hex Nut  
 Nipple, vacuum x 1/8 - 27 male  
 Retaining ring for nitrous oxide, nitrogen vacuum,  
 medical air, carbon dioxide and helium nipple.



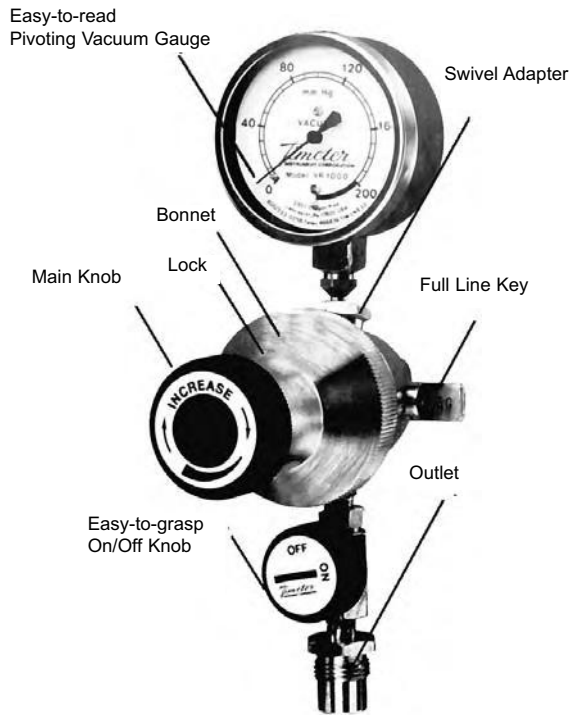
**#69-20294**



**#69-20188**

# Suction Regulators

## Timeter VR1000



Timeter's VR1000 provides you with features that cannot be found on any other vacuum regulator.

- The VR1000 gauge can swivel in any direction
  - The VR1000 can reduce repairs
  - The VR1000 can suction in the fastest time

### VR1000 Vacuum Regulator Specifications

Size:	20cm x 8cm x 11.5cm (7.9" x 3.1" x 4.5")
Weight:	700g (1.54 lbs)
Minimum Flow Capacity:	90 lpm with line vacuum of 300mm Hg.
0-200mm Hg	Accuracy+/- 5mm Hg.
Vacuum Gauge:	
Construction:	Clear anodized high strength aluminum. Full line control valve that conveniently opens to full flow for emergency situations. Large knurled knob.

All parts are easily accessible for fast and inexpensive in-house servicing.

## TIMETER VACUUM ADAPTER

### VR1000 Vacuum Regulator Options

#AW-G301	VR1000	Vacuum regulator
#AW-G302	VR1002	Vacuum regulator w/o line reg switch
#AW-G304	VR1004	Vacuum regulator w/o on/off switch
#AW-G306	VR1006	Vacuum regulator less lock
#AW-G308	VR1008	Vacuum regulator w/o DISS M, w/1/4" hose barb
#AW-G310	VR1400	Vacuum regulator, 0-400mm

### VR Vacuum Regulators with attached adapters

#AW-13561	VR1000 with DISS female inlet
#AW-13562	VR1000 with Chemetron inlet
#AW-13563	VR1000 with Puritan Bennett inlet
#AW-13564	VR1000 with Oxequip inlet (OES)
#AW-13565	VR1000 with Ohmeda inlet

### Vacuum adapter

#AW-11583	VAC-DISS-F x 1/8" NPT male
#69-20107	Vac-TNCG Chemetron style (rectangular striker) x 1/8" NPT male
#69-20174	VAC-TPBA Puritan Bennett x 1/8" NPT male
#69-20245	VAC-DISS-MC with check valve x 1/4" NPT male (not compatible with Vacumate™)
#69-20234	VAC-DISS-M x 1/8" NPT male
#69-20158	VAC-TOES Oxequip x 1/8" NPT male
#69-20145	Ohmeda VAC adapter x 1/8" NPT male



#69-20158  
VAC-OES



VAC-DISS-male  
check valve  
#69-20245



VAC-DISS-male  
#69-20234



VAC-TNCG  
#69-20107



VAC-TPBA  
#69-20174



VAC-OHMEDA  
#69-20145



# Suction Regulators



#EB-VR-C3U2-F2A

## Analog

- Analog gauge designed for clarity and appearance.
- Operating ranges: 0-160 mmHg, 0-300 mmHg, and 0-760 mmHg.
- Upgrade to Intermittent or Digital in minutes.
- Same housing for both Continuous and Intermittent regulator.
- Removable backplate and gasket for ease of cleaning.

## Digital

Includes all the analog features plus...

- Patented state-of-the-art Digital Display Technology.
- Digital readout with no moving parts provides longer product life.
- Accuracy within (+/-1%).
- Easy-to-read display.



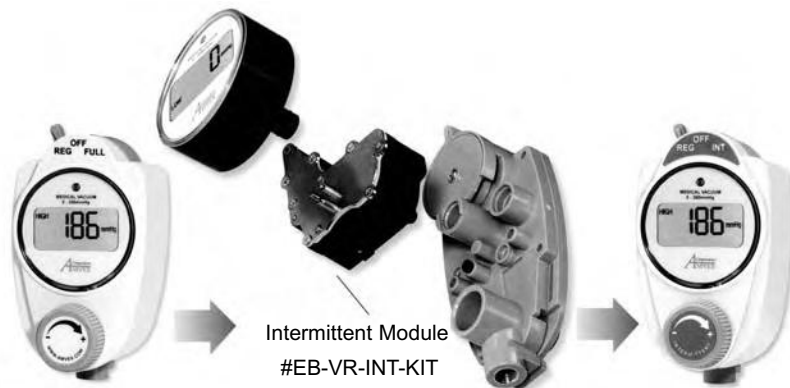
#EB-VR-C3U2-F2D

## Easy to Service

- Can be sterilized internally with cold disinfectant.
- Removable back plate for ease-of-cleaning.
- 5 easy to replace modular components.
- Service kits and parts are available.

## Upgrades

### Continuous to Intermittent



### Analog to Digital

