

# Domenii de masurare - VA 570 / VA 520 / VA 525 / VA 521

## Domenii de masurare pentru versiune Low-Speed

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521											
Diametru interior conducta			Versiune Low-Speed (50 m/s)								
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]								
Inch	mm	DN	Aer**	Azot (N <sub>2</sub> )	Argon (Ar)	Oxigen (O <sub>2</sub> )	Dioxid de carbon (CO <sub>2</sub> )	Gaz natural/ Metan (CH <sub>4</sub> )	Heliu (He)	Hidrogen (H <sub>2</sub> )	Propan (C <sub>3</sub> H <sub>8</sub> )
1/4"	8,9	DN 8	25 NI/min [0,9]	25 NI/min [0,9]	45 NI/min [1,5]	25 NI/min [0,9]	25 NI/min [0,9]	15 NI/min [0,6]	735 NI/h [0,3]	515 NI/h [0,3]	810 NI/h [0,3]
1/2"	16,1	DN 15	20 [14,4]	20 [13,2]	35 [20]	20 [13,5]	20 [14,1]	240 NI/min [8,4]	170 NI/min [6]	120 NI/min [4,2]	185 NI/min [6,6]
3/4"	21,7	DN 20	45 [25]	40 [25]	75 [40]	45 [25]	45 [25]	25 [15]	20 [11,7]	235 NI/min [8,1]	20 [12,9]
1"	27,3	DN 25	75 [45]	70 [40]	120 [70]	75 [40]	75 [45]	45 [25]	30 [15]	20 [13,5]	35 [20]
1 1/4"	36,0	DN 32	140 [80]	130 [75]	220 [130]	135 [80]	140 [80]	85 [50]	60 [35]	40 [20]	65 [35]
1 1/2"	41,9	DN 40	195 [115]	180 [105]	305 [180]	185 [110]	195 [115]	115 [65]	80 [45]	55 [30]	90 [50]
2"	53,1	DN 50	320 [190]	295 [175]	505 [295]	305 [180]	320 [185]	190 [110]	135 [75]	95 [55]	145 [85]
2 1/2"	71,1	DN 65	550 [325]	505 [300]	865 [510]	525 [310]	545 [320]	325 [190]	230 [135]	160 [95]	250 [150]
3"	84,9	DN 80	765 [450]	705 [415]	1200 [705]	730 [430]	760 [445]	450 [265]	320 [185]	225 [130]	350 [205]

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521													
Diametru interior conducta			Versiune Low-Speed (50 m/s)										
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]										
Inch	mm	DN	Corgon® 18	Corgon® 10	Corgon® 20	Gaz de formare 90% N <sub>2</sub> + 10% H <sub>2</sub>	Gaz natural L CH <sub>4</sub> <90%	Biogaz 50% CH <sub>4</sub> + 50% CO <sub>2</sub>	Biogaz 60% CH <sub>4</sub> + 40% CO <sub>2</sub>	LPG 60% C <sub>3</sub> H <sub>8</sub> + 40% C <sub>4</sub> H <sub>10</sub>	LPG 50% C <sub>3</sub> H <sub>8</sub> + 50% C <sub>4</sub> H <sub>10</sub>	Protoxid de azot (N <sub>2</sub> O)	Etilena/ Acetilena (C <sub>2</sub> H <sub>2</sub> )
1/4"	8,9	DN 8	40 NI/min [1,5]	40 NI/min [1,5]	40 NI/min [1,5]	20 NI/min [0,6]	15 NI/min [0,6]	20 NI/min [0,6]	20 NI/min [0,6]	15 NI/min [0,3]	15 NI/min [0,3]	25 NI/min [0,9]	15 NI/min [0,3]
1/2"	16,1	DN 15	35 [20]	35 [20]	35 [20]	20 [12]	14,4 [9]	15 [10,5]	15 [10,2]	215 NI/min [7,5]	210 NI/min [7,5]	20 [14,1]	225 NI/min [8,1]
3/4"	21,7	DN 20	70 [40]	70 [40]	65 [40]	40 [20]	30 [15]	30 [20]	30 [20]	25 [15]	25 [14,7]	45 [25]	25 [15]
1"	27,3	DN 25	115 [65]	115 [70]	115 [65]	65 [35]	50 [25]	55 [30]	55 [30]	40 [20]	40 [20]	75 [45]	40 [25]
1 1/4"	36,0	DN 32	205 [120]	210 [125]	205 [120]	120 [70]	90 [50]	100 [60]	100 [55]	75 [45]	70 [40]	140 [80]	80 [45]
1 1/2"	41,9	DN 40	285 [170]	295 [170]	285 [165]	165 [95]	125 [70]	140 [80]	140 [80]	105 [60]	100 [60]	190 [110]	110 [65]
2"	53,1	DN 50	470 [275]	480 [280]	465 [275]	270 [160]	205 [120]	235 [135]	225 [135]	170 [100]	165 [95]	315 [185]	180 [105]
2 1/2"	71,1	DN 65	805 [475]	825 [485]	800 [470]	465 [275]	350 [205]	400 [235]	390 [230]	295 [170]	285 [165]	540 [320]	310 [180]
3"	84,9	DN 80	1120 [660]	1145 [675]	1110 [650]	645 [380]	485 [285]	555 [325]	540 [320]	405 [240]	400 [235]	750 [440]	430 [250]

\* Nm<sup>3</sup>/h conform DIN 1343: 0 °C si 1013,25 hPa pentru gaze

\*\* Conform ISO 1217: 20 °C si 1000 hPa pentru aer

Va rugam sa ne contactati daca doriti masurarea consumului, a debitului sau a unui anumit amestec de gaze. La cerere, va putem oferi calibrare cu gaz real si in conditiile specificate de dvs.



## Domenii de masurare pentru versiune Standard

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521												
Diametru interior conducta			Versiune Standard (92,7 m/s)									
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]									
Inch	mm	DN	Aer**	Azot (N <sub>2</sub> )	Argon (Ar)	Oxigen (O <sub>2</sub> )	Dioxid de carbon (CO <sub>2</sub> )	Gaz natural/ Metan (CH <sub>4</sub> )	Heliu (He)	Hidrogen (H <sub>2</sub> )	Propan (C <sub>3</sub> H <sub>8</sub> )	
1/4"	8,9	DN 8	50 NI/min [1,8]	50 NI/min [1,5]	85 NI/min [3]	50 NI/min [1,8]	50 NI/min [1,8]	30 NI/min [0,9]	20 NI/min [0,6]	15 NI/min [0,3]	25 NI/min [0,6]	
1/2"	16,1	DN 15	45 [25]	40 [20]	70 [40]	40 [25]	45 [25]	25 [15]	15 [11,1]	220 NI/min [7,8]	20 [12,3]	
3/4"	21,7	DN 20	85 [50]	80 [45]	135 [80]	80 [45]	85 [50]	50 [30]	35 [20]	25 [15]	40 [20]	
1"	27,3	DN 25	145 [85]	135 [75]	230 [135]	140 [80]	145 [85]	85 [50]	60 [35]	40 [25]	65 [35]	
1 1/4"	36,0	DN 32	265 [155]	240 [140]	415 [245]	250 [145]	260 [155]	155 [90]	110 [65]	75 [45]	120 [70]	
1 1/2"	41,9	DN 40	365 [215]	335 [195]	570 [335]	345 [205]	360 [210]	215 [125]	150 [90]	105 [60]	165 [95]	
2"	53,1	DN 50	600 [350]	550 [320]	935 [550]	570 [335]	590 [345]	355 [205]	250 [145]	175 [100]	275 [160]	
2 1/2"	71,1	DN 65	1025 [600]	945 [555]	1605 [945]	980 [575]	1015 [595]	605 [355]	425 [250]	300 [175]	470 [275]	
3"	84,9	DN 80	1420 [835]	1305 [770]	2225 [1310]	1355 [795]	1405 [825]	840 [495]	595 [350]	415 [245]	650 [385]	

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521													
Diametru interior conducta			Versiune Standard (92,7 m/s)										
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]										
Inch	mm	DN	Corgon® 18	Corgon® 10	Corgon® 20	Gaz de formare 90% N <sub>2</sub> + 10% H <sub>2</sub>	Gaz natural L CH <sub>4</sub> <90%	Biogaz 50% CH <sub>4</sub> + 50% CO <sub>2</sub>	Biogaz 60% CH <sub>4</sub> + 40% CO <sub>2</sub>	LPG 60% C <sub>3</sub> H <sub>8</sub> + 40% C <sub>4</sub> H <sub>10</sub>	LPG 50% C <sub>3</sub> H <sub>8</sub> + 50% C <sub>4</sub> H <sub>10</sub>	Protoxid de azot (N <sub>2</sub> O)	Etilena/ Acetilena (C <sub>2</sub> H <sub>2</sub> )
1/4"	8,9	DN 8	75 NI/min [2,7]	80 NI/min [2,7]	75 NI/min [2,7]	45 NI/min [1,5]	30 NI/min [1,2]	35 NI/min [1,2]	35 NI/min [1,2]	25 NI/min [0,9]	25 NI/min [0,9]	50 NI/min [1,8]	30 NI/min [0,9]
1/2"	16,1	DN 15	65 [35]	65 [40]	65 [35]	35 [20]	25 [15]	30 [15]	30 [15]	20 [14,1]	20 [13,8]	40 [25]	25 [15]
3/4"	21,7	DN 20	130 [75]	130 [75]	125 [75]	75 [40]	55 [30]	60 [35]	60 [35]	45 [25]	45 [25]	85 [50]	45 [25]
1"	27,3	DN 25	215 [125]	220 [130]	210 [125]	120 [70]	90 [55]	105 [60]	100 [60]	75 [45]	75 [45]	140 [85]	80 [45]
1 1/4"	36,0	DN 32	385 [225]	395 [230]	385 [225]	225 [130]	165 [95]	190 [110]	185 [110]	140 [80]	135 [80]	260 [150]	145 [85]
1 1/2"	41,9	DN 40	535 [315]	545 [320]	530 [310]	310 [180]	230 [135]	265 [155]	260 [150]	195 [110]	190 [110]	355 [210]	205 [120]
2"	53,1	DN 50	875 [515]	895 [525]	865 [510]	505 [295]	380 [220]	435 [255]	425 [250]	315 [185]	310 [180]	585 [345]	335 [195]
2 1/2"	71,1	DN 65	1500 [880]	1535 [905]	1485 [875]	865 [510]	650 [380]	745 [440]	725 [425]	545 [320]	535 [315]	1005 [590]	575 [335]
3"	84,9	DN 80	2075 [1220]	2130 [1250]	2060 [1210]	1205 [705]	900 [530]	1035 [605]	1005 [590]	755 [445]	740 [435]	1395 [820]	795 [470]

\* Nm<sup>3</sup>/h conform DIN 1343: 0 °C si 1013,25 hPa pentru gaze

\*\* Conform ISO 1217: 20 °C si 1000 hPa pentru aer

Va rugam sa ne contactati daca doriti masurarea consumului, a debitului sau a unui anumit amestec de gaze. La cerere, va putem oferi calibrare cu gaz real si in conditiile specificate de dvs.



## Domenii de masurare pentru versiune Max

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521												
Diametru interior conducta			Versiune Max (185,0 m/s)									
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]									
Inch	mm	DN	Aer**	Azot (N <sub>2</sub> )	Argon (Ar)	Oxigen (O <sub>2</sub> )	Dioxid de carbon (CO <sub>2</sub> )	Gaz natural/ Metan (CH <sub>4</sub> )	Heliu (He)	Hidrogen (H <sub>2</sub> )	Propan (C <sub>3</sub> H <sub>8</sub> )	
1/4"	8,9	DN 8	105 NI/min [3,6]	100 NI/min [3,3]	170 NI/min [6]	100 NI/min [3,6]	105 NI/min [3,6]	60 NI/min [2,1]	45 NI/min [1,5]	30 NI/min [0,9]	50 NI/min [1,5]	
1/2"	16,1	DN 15	90 [50]	80 [45]	140 [80]	85 [50]	90 [50]	50 [30]	35 [20]	25 [15]	40 [20]	
3/4"	21,7	DN 20	175 [100]	160 [95]	275 [160]	165 [95]	175 [100]	105 [60]	70 [40]	50 [30]	80 [45]	
1"	27,3	DN 25	290 [170]	270 [155]	460 [270]	280 [165]	290 [170]	170 [100]	120 [70]	85 [50]	135 [75]	
1 1/4"	36,0	DN 32	530 [310]	485 [285]	830 [485]	505 [295]	525 [305]	310 [185]	220 [130]	155 [90]	240 [140]	
1 1/2"	41,9	DN 40	730 [430]	670 [395]	1140 [670]	695 [410]	720 [425]	430 [250]	305 [180]	215 [125]	335 [195]	
2"	53,1	DN 50	1195 [700]	1100 [645]	1870 [1100]	1140 [670]	1185 [695]	705 [415]	500 [290]	350 [205]	550 [320]	
2 1/2"	71,1	DN 65	2050 [1205]	1885 [1110]	3205 [1885]	1955 [1150]	2030 [1190]	1210 [710]	855 [500]	600 [350]	940 [555]	
3"	84,9	DN 80	2840 [1670]	2610 [1535]	4440 [2615]	2710 [1590]	2810 [1655]	1680 [985]	1185 [695]	830 [490]	1305 [765]	

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521													
Diametru interior conducta			Versiune Max (185,0 m/s)										
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]										
Inch	mm	DN	Corgon® 18	Corgon® 10	Corgon® 20	Gaz de formare 90% N <sub>2</sub> + 10% H <sub>2</sub>	Gaz natural L CH <sub>4</sub> <90%	Biogaz 50% CH <sub>4</sub> + 50% CO <sub>2</sub>	Biogaz 60% CH <sub>4</sub> + 40% CO <sub>2</sub>	LPG 60% C <sub>3</sub> H <sub>8</sub> + 40% C <sub>4</sub> H <sub>10</sub>	LPG 50% C <sub>3</sub> H <sub>8</sub> + 50% C <sub>4</sub> H <sub>10</sub>	Protoxid de azot (N <sub>2</sub> O)	Etilena/ Acetilena (C <sub>2</sub> H <sub>2</sub> )
1/4"	8,9	DN 8	155 NI/min [5,4]	160 NI/min [5,7]	155 NI/min [5,4]	90 NI/min [3]	65 NI/min [2,4]	75 NI/min [2,7]	75 NI/min [2,7]	55 NI/min [1,8]	55 NI/min [1,8]	105 NI/min [3,6]	60 NI/min [2,1]
1/2"	16,1	DN 15	130 [75]	135 [80]	130 [75]	75 [45]	55 [30]	65 [35]	60 [35]	45 [25]	45 [25]	85 [50]	50 [30]
3/4"	21,7	DN 20	255 [150]	265 [155]	255 [150]	150 [85]	110 [65]	125 [75]	125 [70]	90 [55]	90 [50]	170 [100]	95 [55]
1"	27,3	DN 25	430 [250]	440 [255]	425 [250]	245 [145]	185 [110]	210 [125]	205 [120]	155 [90]	150 [90]	285 [170]	165 [95]
1 1/4"	36,0	DN 32	775 [455]	795 [465]	765 [450]	445 [260]	335 [195]	385 [225]	375 [220]	280 [165]	275 [160]	520 [305]	295 [175]
1 1/2"	41,9	DN 40	1065 [625]	1095 [640]	1060 [620]	615 [360]	460 [270]	530 [310]	515 [305]	385 [225]	380 [220]	715 [420]	410 [240]
2"	53,1	DN 50	1745 [1025]	1790 [1050]	1730 [1020]	1010 [595]	755 [445]	870 [510]	845 [495]	635 [375]	620 [365]	1170 [690]	670 [395]
2 1/2"	71,1	DN 65	2995 [1760]	3065 [1805]	2970 [1745]	1735 [1020]	1300 [765]	1490 [875]	1450 [855]	1090 [640]	1065 [625]	2010 [1180]	1150 [675]
3"	84,9	DN 80	4150 [2440]	4250 [2500]	4115 [2420]	2400 [1415]	1800 [1060]	2065 [1215]	2015 [1185]	1510 [890]	1480 [870]	2785 [1640]	1590 [935]

\* Nm<sup>3</sup>/h conform DIN 1343: 0 °C si 1013,25 hPa pentru gaze

\*\* Conform ISO 1217: 20 °C si 1000 hPa pentru aer

Va rugam sa ne contactati daca doriti masurarea consumului, a debitului sau a unui anumit amestec de gaze.  
La cerere, va putem oferi calibrare cu gaz real si in conditiile specificate de dvs.



## Domenii de masurare pentru versiune High-Speed

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521												
Diametru interior conducta			Versiune High-Speed (224,0 m/s)									
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]									
Inch	mm	DN	Aer**	Azot (N <sub>2</sub> )	Argon (Ar)	Oxigen (O <sub>2</sub> )	Dioxid de carbon (CO <sub>2</sub> )	Gaz natural/ Metan (CH <sub>4</sub> )	Heliu (He)	Hidrogen (H <sub>2</sub> )	Propan (C <sub>3</sub> H <sub>8</sub> )	
1/4"	8,9	DN 8	130 NI/min [4,5]	120 NI/min [4,2]	205 NI/min [7,2]	125 NI/min [4,2]	130 NI/min [4,5]	75 NI/min [2,7]	55 NI/min [1,8]	35 NI/min [1,2]	60 NI/min [2,1]	
1/2"	16,1	DN 15	110 [60]	100 [55]	170 [100]	105 [60]	105 [60]	65 [35]	45 [25]	30 [15]	50 [25]	
3/4"	21,7	DN 20	215 [125]	195 [115]	335 [195]	205 [120]	210 [125]	125 [70]	85 [50]	60 [35]	95 [55]	
1"	27,3	DN 25	355 [210]	325 [190]	555 [325]	340 [200]	350 [205]	210 [120]	145 [85]	100 [60]	160 [95]	
1 1/4"	36,0	DN 32	640 [375]	590 [345]	1005 [590]	610 [360]	635 [370]	380 [220]	265 [155]	185 [110]	295 [170]	
1 1/2"	41,9	DN 40	885 [520]	815 [475]	1385 [815]	845 [495]	875 [515]	520 [305]	370 [215]	260 [150]	405 [235]	
2"	53,1	DN 50	1450 [850]	1330 [780]	2265 [1330]	1380 [810]	1430 [840]	855 [500]	605 [355]	425 [250]	665 [390]	
2 1/2"	71,1	DN 65	2480 [1460]	2280 [1340]	3880 [2285]	2365 [1390]	2455 [1445]	1465 [865]	1035 [610]	725 [425]	1140 [670]	
3"	84,9	DN 80	3440 [2025]	3165 [1860]	5380 [3165]	3280 [1930]	3405 [2000]	2035 [1195]	1435 [845]	1010 [590]	1580 [930]	

Domenii de masurare pentru VA 570 / VA 520 / VA 525 / VA 521													
Diametru interior conducta			Versiune High-Speed (224,0 m/s)										
			Domeniu de masurare Nm <sup>3</sup> /h * / [cfm]										
Inch	mm	DN	Corgon® 18	Corgon® 10	Corgon® 20	Gaz de formare 90% N <sub>2</sub> + 10% H <sub>2</sub>	Gaz natural L CH <sub>4</sub> <90%	Biogaz 50% CH <sub>4</sub> + 50% CO <sub>2</sub>	Biogaz 60% CH <sub>4</sub> + 40% CO <sub>2</sub>	LPG 60% C <sub>3</sub> H <sub>8</sub> + 40% C <sub>4</sub> H <sub>10</sub>	LPG 50% C <sub>3</sub> H <sub>8</sub> + 50% C <sub>4</sub> H <sub>10</sub>	Protoxid de azot (N <sub>2</sub> O)	Etilena/ Acetilena (C <sub>2</sub> H <sub>2</sub> )
1/4"	8,9	DN 8	190 NI/min [6,6]	195 NI/min [6,9]	190 NI/min [6,6]	110 NI/min [3,9]	80 NI/min [2,7]	95 NI/min [3,3]	90 NI/min [3,3]	70 NI/min [2,4]	65 NI/min [2,4]	125 NI/min [4,5]	70 NI/min [2,4]
1/2"	16,1	DN 15	160 [90]	160 [95]	155 [90]	90 [50]	65 [40]	80 [45]	75 [45]	55 [30]	55 [30]	105 [60]	60 [35]
3/4"	21,7	DN 20	310 [185]	320 [185]	310 [180]	180 [105]	135 [80]	155 [90]	150 [85]	110 [65]	110 [65]	210 [120]	120 [70]
1"	27,3	DN 25	520 [305]	530 [310]	515 [300]	300 [175]	225 [130]	255 [150]	250 [145]	190 [110]	185 [105]	345 [205]	200 [115]
1 1/4"	36,0	DN 32	935 [550]	960 [565]	930 [545]	540 [320]	405 [240]	465 [275]	455 [265]	340 [200]	335 [195]	630 [370]	360 [210]
1 1/2"	41,9	DN 40	1290 [760]	1325 [780]	1280 [755]	745 [440]	560 [330]	640 [375]	625 [365]	470 [275]	460 [270]	865 [510]	495 [290]
2"	53,1	DN 50	2115 [1245]	2165 [1275]	2100 [1235]	1225 [720]	920 [540]	1050 [620]	1025 [605]	770 [450]	755 [440]	1420 [835]	810 [475]
2 1/2"	71,1	DN 65	3625 [2130]	3715 [2185]	3595 [2115]	2100 [1235]	1575 [925]	1805 [1060]	1760 [1035]	1320 [775]	1290 [760]	2435 [1430]	1390 [820]
3"	84,9	DN 80	5025 [2955]	5145 [3030]	4985 [2930]	2910 [1710]	2180 [1285]	2500 [1470]	2440 [1435]	1830 [1075]	1790 [1050]	3375 [1985]	1930 [1135]

\* Nm<sup>3</sup>/h conform DIN 1343: 0 °C si 1013,25 hPa pentru gaze

\*\* Conform ISO 1217: 20 °C si 1000 hPa pentru aer

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La cerere, va putem oferi calibrare cu gaz real si in conditiile specificate de dvs.