THE LINDE GROUP

REDLINE® Gas panels S 202. Single gas panel.

Single stage gas supply panel with internal gas purging, designed for pure gases and mixtures.

Description

Gas panel S 202 is designed for single cylinders or bundles. It is equipped with internal gas purging to avoid contaminants entering the process line after changing the cylinders. It is mounted on a stainless steel console and consists of a pressure regulator, inlet and outlet pressure gauges, a relief valve and shut-off valves for the process gas at high and low pressure ends and for the purging gas.

The panel can also be equipped with contact gauge (/C models) for automatic surveillance. When applicable the panel can be ordered with residual gas line (/R models) connecting the relief valve with the purge outlet.

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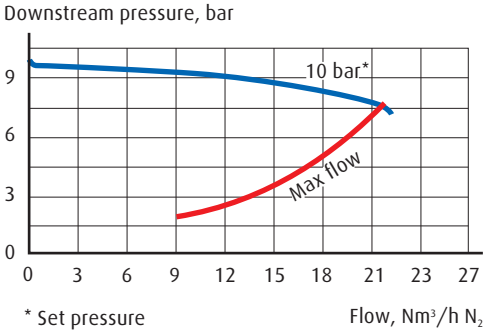
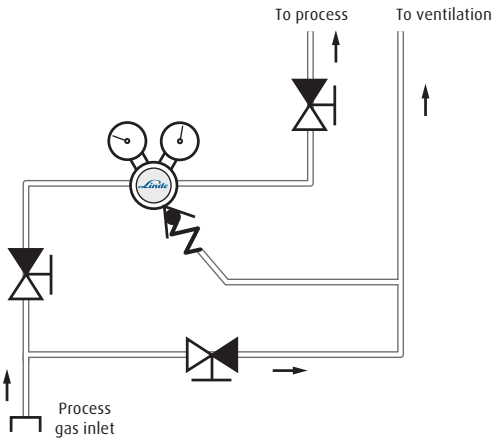
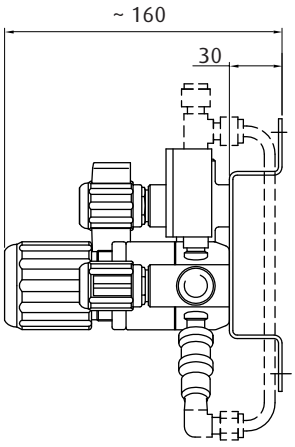
Technical data

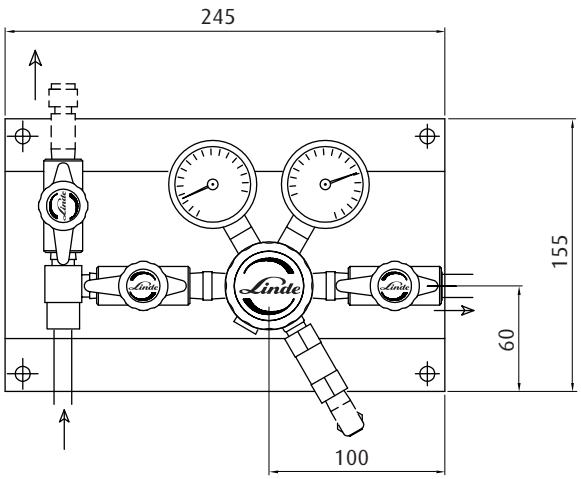
Inlet primary pressure	230 bar	3,300 psi
Outlet pressure	0.5–6 bar	8–85 psi
	2.5–14 bar	35–200 psi
	2.5–50 bar	35–725 psi
	10–200 bar	145–3,000 psi
Outlet gauge range	–1–10 bar	–14.5–145 psi
	0–25 bar	0–360 psi
	0–80 bar	0–1,400 psi
	0–315 bar	0–4,500 psi
Operating temperature	–20 – +70°C	–4 – +158°F
Connection	1, 2 or 4 cylinders	
Process gas in	NPT 1/4" female	
Process gas out	NPT 1/4" female	
Purge gas outlet	NPT 1/4" female	
Material		
Housing	Brass, Ni/Cr plated	
	Stainless steel 316L	
Seals	PVDF	PCTFE
Membrane	Hastelloy®	





All measurements in millimeters.
Model R. Drawings of other types
available on request.





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1010 – GDP Subject to change.

B = Brass
SS = Stainless steel
Cx = Coil and number of cylinders
SHx = Short flexihose and number of cylinders
LHx = Long flexihose and number of cylinders
C = Contact gauge
R = Residual gas outlet
RC = Residual gas outlet and contact gauge

S 202

Specifications	bar	psi	HiQ® code
B	6	85	3421
B	14	200	3148
B	50	725	3422
B	200	3,000	3423
SS	6	85	3424
SS	14	200	3149
SS	50	725	3425
SS	200	3,000	3426

S 202 coil and 1 cylinder

Specifications		bar	psi	HiQ® code
B	C1	6	85	3712
B	C1	14	200	3713
B	C1	50	725	3714
B	C1	200	3,000	3715
SS	C1	6	85	3784
SS	C1	14	200	3785
SS	C1	50	725	3786
SS	C1	200	3,000	3787

S 202 coil and 2 cylinders

Specifications		bar	psi	HiQ® code
B	C2	6	85	3716
B	C2	14	200	3717
B	C2	50	725	3718
B	C2	200	3,000	3719
SS	C2	6	85	3788
SS	C2	14	200	3789
SS	C2	50	725	3790
SS	C2	200	3,000	3791

S 202 coil and 4 cylinders

Specifications		bar	psi	HiQ® code
B	C4	6	85	3720
B	C4	14	200	3721
B	C4	50	725	3722
B	C4	200	3,000	3723
SS	C4	6	85	3792
SS	C4	14	200	3793
SS	C4	50	725	3794
SS	C4	200	3,000	3795

S 202 short flexihose and 1 cylinder

Specifications		bar	psi	HiQ® code
B	SH1	6	85	3724
B	SH1	14	200	3725
B	SH1	50	725	3726
B	SH1	200	3,000	3727
SS	SH1	6	85	3796
SS	SH1	14	200	3797
SS	SH1	50	725	3798
SS	SH1	200	3,000	3799

S 202 short flexihose and 2 cylinders

Specifications		bar	psi	HiQ® code
B	SH2	6	85	3728
B	SH2	14	200	3729
B	SH2	50	725	3730
B	SH2	200	3,000	3731
SS	SH2	6	85	3800
SS	SH2	14	200	3801
SS	SH2	50	725	3802
SS	SH2	200	3,000	3803

S 202 short flexihose and 4 cylinders

Specifications		bar	psi	HiQ® code
B	SH4	6	85	3732
B	SH4	14	200	3733
B	SH4	50	725	3734
B	SH4	200	3,000	3735
SS	SH4	6	85	3804
SS	SH4	14	200	3805
SS	SH4	50	725	3806
SS	SH4	200	3,000	3807

S 202 long flexihose and 1 cylinder

Specifications		bar	psi	HiQ® code
B	LH1	6	85	3736
B	LH1	14	200	3737
B	LH1	50	725	3738
B	LH1	200	3,000	3739
SS	LH1	6	85	3808
SS	LH1	14	200	3809
SS	LH1	50	725	3810
SS	LH1	200	3,000	3811

S 202 long flexihose and 2 cylinders

Specifications		bar	psi	HiQ® code
B	LH2	6	85	3740
B	LH2	14	200	3741
B	LH2	50	725	3742
B	LH2	200	3,000	3743
SS	LH2	6	85	3812
SS	LH2	14	200	3813
SS	LH2	50	725	3814
SS	LH1	200	3,000	3815

S 202 long flexihose and 4 cylinders

Specifications			bar	psi	HiQ® code
B	LH4		6	85	3744
B	LH4		14	200	3745
B	LH4		50	725	3746
B	LH4		200	3,000	3747
SS	LH4		6	85	3816
SS	LH4		14	200	3817
SS	LH4		50	725	3818
SS	LH4		200	3,000	3819

S 202/R residual gas outlet

Specifications			bar	psi	HiQ® code
B	R		6	85	3479
B	R		14	200	3480
B	R		50	725	3481
B	R		200	3,000	3482
SS	R		6	85	3483
SS	R		14	200	3484
SS	R		50	725	3485
SS	R		200	3,000	3486

S 202/R residual gas outlet, coil and 1 cylinder

Specifications			bar	psi	HiQ® code
B	R	C1	6	85	3748
B	R	C1	14	200	3749
B	R	C1	50	725	3750
B	R	C1	200	3,000	3751
SS	R	C1	6	85	3820
SS	R	C1	14	200	3821
SS	R	C1	50	725	3822
SS	R	C1	200	3,000	3823

S 202/R residual gas outlet, coil and 2 cylinders

Specifications			bar	psi	HiQ® code
B	R	C2	6	85	3752
B	R	C2	14	200	3753
B	R	C2	50	725	3754
B	R	C2	200	3,000	3755
SS	R	C2	6	85	3824
SS	R	C2	14	200	3825
SS	R	C2	50	725	3826
SS	R	C2	200	3,000	3827

S 202/R residual gas outlet, coil and 4 cylinders

Specifications			bar	psi	HiQ® code
B	R	C4	6	85	3756
B	R	C4	14	200	3757
B	R	C4	50	725	3758
B	R	C4	200	3,000	3759
SS	R	C4	6	85	3828
SS	R	C4	14	200	3829
SS	R	C4	50	725	3830
SS	R	C4	200	3,000	3831

S 202/R residual gas outlet, short flexihose and 1 cylinder

Specifications			bar	psi	HiQ® code
B	R	SH1	6	85	3760
B	R	SH1	14	200	3761
B	R	SH1	50	725	3762
B	R	SH1	200	3,000	3763
SS	R	SH1	6	85	3832
SS	R	SH1	14	200	3833
SS	R	SH1	50	725	3834
SS	R	SH1	200	3,000	3835

S 202/R residual gas outlet, short flexihose and 2 cylinders

Specifications			bar	psi	HiQ® code
B	R	SH2	6	85	3764
B	R	SH2	14	200	3765
B	R	SH2	50	725	3766
B	R	SH2	200	3,000	3767
SS	R	SH2	6	85	3836
SS	R	SH2	14	200	3837
SS	R	SH2	50	725	3838
SS	R	SH2	200	3,000	3839

S 202/R residual gas outlet, short flexihose and 4 cylinders

Specifications			bar	psi	HiQ® code
B	R	SH4	6	85	3768
B	R	SH4	14	200	3769
B	R	SH4	50	725	3770
B	R	SH4	200	3,000	3771
SS	R	SH4	6	85	3840
SS	R	SH4	14	200	3841
SS	R	SH4	50	725	3842
SS	R	SH4	200	3,000	3843

S 202/R residual gas outlet, long flexihose and 1 cylinder

Specifications			bar	psi	HiQ® code
B	R	LH1	6	85	3772
B	R	LH1	14	200	3773
B	R	LH1	50	725	3774
B	R	LH1	200	3,000	3775
SS	R	LH1	6	85	3844
SS	R	LH1	14	200	3845
SS	R	LH1	50	725	3846
SS	R	LH1	200	3,000	3847

S 202/R residual gas outlet, long flexihose and 2 cylinders

Specifications			bar	psi	HiQ® code
B	R	LH2	6	85	3776
B	R	LH2	14	200	3777
B	R	LH2	50	725	3778
B	R	LH2	200	3,000	3779
SS	R	LH2	6	85	3848
SS	R	LH2	14	200	3849
SS	R	LH2	50	725	3850
SS	R	LH2	200	3,000	3851

S 202/R residual gas outlet, long flexihose and 4 cylinders

Specifications			bar	psi	HiQ® code
B	R	LH4	6	85	3780
B	R	LH4	14	200	3781
B	R	LH4	50	725	3782
B	R	LH4	200	3,000	3783
SS	R	LH4	6	85	3852
SS	R	LH4	14	200	3853
SS	R	LH4	50	725	3854
SS	R	LH4	200	3,000	3855

S 202/C contact gauge

Specifications			bar	psi	HiQ® code
B	C		6	85	4705
B	C		14	200	4706
B	C		50	725	4707
B	C		200	3,000	4708
SS	C		6	85	4785
SS	C		14	200	4786
SS	C		50	725	4787
SS	C		200	3,000	4788

Specifications			bar	psi	HiQ® code
S 202/C contact gauge, coil and 1 cylinder					
B	C	C1	6	85	4709
B	C	C1	14	200	4710
B	C	C1	50	725	4711
B	C	C1	200	3,000	4712
SS	C	C1	6	85	4789
SS	C	C1	14	200	4790
SS	C	C1	50	725	4791
SS	C	C1	200	3,000	4792
S 202/C contact gauge, coil and 2 cylinders					
B	C	C2	6	85	4713
B	C	C2	14	200	4714
B	C	C2	50	725	4715
B	C	C2	200	3,000	4716
SS	C	C2	6	85	4793
SS	C	C2	14	200	4794
SS	C	C2	50	725	4795
SS	C	C2	200	3,000	4796
S 202/C contact gauge, coil and 4 cylinders					
B	C	C4	6	85	4717
B	C	C4	14	200	4718
B	C	C4	50	725	4719
B	C	C4	200	3,000	4720
SS	C	C4	6	85	4797
SS	C	C4	14	200	4798
SS	C	C4	50	725	4799
SS	C	C4	200	3,000	4800
S 202/C contact gauge, short flexihose and 1 cylinder					
B	C	SH1	6	85	4721
B	C	SH1	14	200	4722
B	C	SH1	50	725	4723
B	C	SH1	200	3,000	4724
SS	C	SH1	6	85	4801
SS	C	SH1	14	200	4802
SS	C	SH1	50	725	4803
SS	C	SH1	200	3,000	4804

Specifications			bar	psi	HiQ® code
S 202/C contact gauge, short flexihose and 2 cylinders					
B	C	SH2	6	85	4725
B	C	SH2	14	200	4726
B	C	SH2	50	725	4727
B	C	SH2	200	3,000	4728
SS	C	SH2	6	85	4805
SS	C	SH2	14	200	4806
SS	C	SH2	50	725	4807
SS	C	SH2	200	3,000	4808
S 202/C contact gauge, short flexihose and 4 cylinders					
B	C	SH4	6	85	4729
B	C	SH4	14	200	4730
B	C	SH4	50	725	4731
B	C	SH4	200	3,000	4732
SS	C	SH4	6	85	4809
SS	C	SH4	14	200	4810
SS	C	SH4	50	725	4811
SS	C	SH4	200	3,000	4812
S 202/C contact gauge, long flexihose and 1 cylinder					
B	C	LH1	6	85	4733
B	C	LH1	14	200	4734
B	C	LH1	50	725	4735
B	C	LH1	200	3,000	4736
SS	C	LH1	6	85	4813
SS	C	LH1	14	200	4814
SS	C	LH1	50	725	4815
SS	C	LH1	200	3,000	4816
S 202/C contact gauge, long flexihose and 2 cylinders					
B	C	LH2	6	85	4737
B	C	LH2	14	200	4738
B	C	LH2	50	725	4739
B	C	LH2	200	3,000	4740
SS	C	LH2	6	85	4817
SS	C	LH2	14	200	4818
SS	C	LH2	50	725	4819
SS	C	LH2	200	3,000	4820

Specifications			bar	psi	HiQ® code
S 202/C contact gauge, long flexihose and 4 cylinders					
B	C	LH4	6	85	4741
B	C	LH4	14	200	4742
B	C	LH4	50	725	4743
B	C	LH4	200	3,000	4744
SS	C	LH4	6	85	4821
SS	C	LH4	14	200	4822
SS	C	LH4	50	725	4823
SS	C	LH4	200	3,000	4824
S 202/RC residual gas outlet, contact gauge					
B	RC		6	85	4745
B	RC		14	200	4746
B	RC		50	725	4747
B	RC		200	3,000	4748
SS	RC		6	85	4825
SS	RC		14	200	4826
SS	RC		50	725	4827
SS	RC		200	3,000	4828
S 202/RC residual gas outlet, contact gauge, coil and 1 cylinder					
B	RC	C1	6	85	4749
B	RC	C1	14	200	4750
B	RC	C1	50	725	4751
B	RC	C1	200	3,000	4752
SS	RC	C1	6	85	4829
SS	RC	C1	14	200	4830
SS	RC	C1	50	725	4831
SS	RC	C1	200	3,000	4832
S 202/RC residual gas outlet, contact gauge, coil and 2 cylinders					
B	RC	C2	6	85	4753
B	RC	C2	14	200	4754
B	RC	C2	50	725	4755
B	RC	C2	200	3,000	4756
SS	RC	C2	6	85	4833
SS	RC	C2	14	200	4834
SS	RC	C2	50	725	4835
SS	RC	C2	200	3,000	4836

Specifications			bar	psi	HiQ® code
S 202/RC residual gas outlet, contact gauge, coil and 4 cylinders					
B	RC	C4	6	85	4757
B	RC	C4	14	200	4758
B	RC	C4	50	725	4759
B	RC	C4	200	3,000	4760
SS	RC	C4	6	85	4837
SS	RC	C4	14	200	4838
SS	RC	C4	50	725	4839
SS	RC	C4	200	3,000	4840
S 202/RC residual gas outlet, contact gauge, short flexihose and 1 cylinder					
B	RC	SH1	6	85	4761
B	RC	SH1	14	200	4762
B	RC	SH1	50	725	4763
B	RC	SH1	200	3,000	4764
SS	RC	SH1	6	85	4841
SS	RC	SH1	14	200	4842
SS	RC	SH1	50	725	4843
SS	RC	SH1	200	3,000	4844
S 202/RC residual gas outlet, contact gauge, short flexihose and 2 cylinders					
B	RC	SH2	6	85	4765
B	RC	SH2	14	200	4766
B	RC	SH2	50	725	4767
B	RC	SH2	200	3,000	4768
SS	RC	SH2	6	85	4845
SS	RC	SH2	14	200	4846
SS	RC	SH2	50	725	4847
SS	RC	SH2	200	3,000	4848
S 202/RC residual gas outlet, contact gauge, short flexihose and 4 cylinders					
B	RC	SH4	6	85	4769
B	RC	SH4	14	200	4770
B	RC	SH4	50	725	4771
B	RC	SH4	200	3,000	4772
SS	RC	SH4	6	85	4849
SS	RC	SH4	14	200	4850
SS	RC	SH4	50	725	4851
SS	RC	SH4	200	3,000	4852

Specifications			bar	psi	HiQ® code
S 202/RC residual gas outlet, contact gauge, long flexihose and 1 cylinder					
B	RC	LH1	6	85	4773
B	RC	LH1	14	200	4774
B	RC	LH1	50	725	4775
B	RC	LH1	200	3,000	4776
SS	RC	LH1	6	85	4853
SS	RC	LH1	14	200	4854
SS	RC	LH1	50	725	4855
SS	RC	LH1	200	3,000	4856
S 202/RC residual gas outlet, contact gauge, long flexihose and 2 cylinders					
B	RC	LH2	6	85	4777
B	RC	LH2	14	200	4778
B	RC	LH2	50	725	4779
B	RC	LH2	200	3,000	4780
SS	RC	LH2	6	85	4857
SS	RC	LH2	14	200	4858
SS	RC	LH2	50	725	4859
SS	RC	LH2	200	3,000	4860
S 202/RC residual gas outlet, contact gauge, long flexihose and 4 cylinder					
B	RC	LH4	6	85	4781
B	RC	LH4	14	200	4782
B	RC	LH4	50	725	4783
B	RC	LH4	200	3,000	4784
SS	RC	LH4	6	85	4861
SS	RC	LH4	14	200	4862
SS	RC	LH4	50	725	4863
SS	RC	LH4	200	3,000	4864