



Refrigerants.

A complete gas product line for the refrigeration industry.



R1233zd R744 R454C R1270
 R717 R1234ze R1234yf R600a
 R448A R455A R452A R290

Wide standard range

Linde offers the widest refrigerant product line of natural refrigerants and HFC/HFO gases. Our standard range consists the most common refrigerants. In addition to refrigerants we offer other gas related products and services such as equipment and trainings.

New refrigerants launched

Linde is constantly adding new refrigerant gases with low GWP to the product line. During 2018 we increase our range with several refrigerants, for example R454 and R455.

Total control with ACCURA[®] gas management

For total control over your gas usage we also offer ACCURA gas management. Each gas cylinder from AGA are individually marked and can be traced at all stages. This serves to facilitate and optimise administration and reporting.

Natural refrigerants

Product	GWP	Cylinder size in litres	Content in kg	Item number
R744 Carbon dioxide refrigerant grade 4.0	1	20	15	117960
		40	30	110785
R290 Propane	3	12	5	111649
		79	33	112537
		12	6	111650
R600a Isobutane	3	27	13	113181
		79	33	113154
		12	5	111651
R1270 Propene/Propylene	3	79	33	115670
		26	13,8	107094
		108	57	107095
R717 Ammonia with diptube	0	126	64	116739
		900	475	113233

HFC and HFO refrigerants

Product	GWP	Cylinder size in litres	Content in kg	Item number
R32	675	12	9	117945
R134a	1430	12 61	12 63	110831 110832
R1233zd Solstice® zd	1	12 61	14 70	119005 119607
R1234ze Solstice® ze	7	12	11	118174
R1234yf Opteon™ yf Solstice® yf	4	12 12	5 11	117234 118767
R404A	3922	12 61	10 49	110833 110834
R407A	2107	12 61	11 57	117736 117737
R407C	1774	12 61	11 55	110835 110836
R407F Performax® LT	1825	12 61	11 56	117362 117363
R410A	2088	12 61	10 53	110837 110838
R417A (Freon™ M059)	2346	12 61	12 59	110841 110842
R438A (Freon™ M055)	2265	12 61	11 57	117831 117833
R448A Solstice® N40	1273	12 61	11 54	118176 118774
R449A Opteon™ XP-40	1397	12 61	11 55	117756 118424
R450A Solstice® N13	604	12	12	118228
R452A Opteon™ XP-44	2141	12 61	11 54	117943 118423
R454C Opteon™ XL20	146	12 61	9 46	119028 119027
R455A Solstice® L40X	145	12 61	10 50	119606 119608
R507A	3985	12 61	10 49	110845 110846
R513A Opteon™ XP-10	573	12	11	118146
Cylinder for refrigerant waste		12 61	- -	110839 110840

All cylinders are made of steel

Weight when empty 12 litres 8 kg
Weight when empty 61 litres 31 kg



www.linde-gas.dk, www.linde-gas.ee, www.linde-gas.fi, www.linde-gas.is, www.linde-gas.lt,
www.linde-gas.lv, www.linde-gas.no, www.linde-gas.se