

# Compressed Air Manual

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# Compressed Air Manual

6th Edition



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# Introduction

The Compressed Air Manual is a resource for everyone who wishes to know more about compressed air. This edition, the sixth, is in many respects extended, updated and improved compared to previous editions, of which the last was issued in 1976. Naturally a great deal has happened during these twenty or more years, nevertheless the fundamentals remain and make up the core of this Manual, which has been desired and requested by many.

The Manual addresses the essentials of theoretical and practical issues faced by everyone working with compressed air on a day-to-day basis, from the fundamental theoretical relations to more practical advice and tips. The main addition to this edition is an increased concentration on environmental aspects, air quality issues, energy savings and compressed air economy. Furthermore, we conclude with calculation examples as well as diverse, helpful table information and a complete keyword index. The Manual's contents have been produced by our leading compressed air technicians and I hope that the different sections act both as a textbook for newcomers and a reference book for more experienced users.

It is my belief that the Manual will be useful and perhaps even an enjoyment to many within the industry. Many questions can surely be answered with its help, while others require further investigation. In the case of the latter, I believe the reader can also receive help through the support and structure for continued discussion provided by the Manual. With this in mind, each reader is always more than welcome to contact us for answers to unresolved questions.

Stockholm, September 1998

Atlas Copco Compressor AB

Robert Robertson, MD

## Chapter 1 Theory

1.1	Physics, General	10
1.1.1	The structure of matter	10
1.1.2	The molecule and the different states of matter	10
1.2	Physical units	11
1.2.1	Pressure	11
1.2.2	Temperature	12
1.2.3	Thermal capacity	13
1.2.4	Work	13
1.2.5	Power	13
1.2.6	Volume rate of flow	13
1.3	Thermodynamics	14
1.3.1	Main principles	14
1.3.2	Gas laws	14
1.3.3	Heat transfer	15
1.3.4	Changes in state	16
1.3.4.1	Isochoric process	16
1.3.4.2	Isobaric process	17
1.3.4.3	Isothermic process	17
1.3.4.4	Isentropic process	18
1.3.4.5	Polytropic process	18
1.3.5	Gas flow through nozzles	18
1.3.6	Flow through pipes	19
1.3.7	Throttling	19
1.4	Air	20
1.4.1	Air in general	20
1.4.2	Moist air	20
1.5	Types of compressors	21
1.5.1	Two basic principles	21
1.5.2	Displacement compressors	21
1.5.3	The compressor diagram for displacement compressors	23
1.5.4	Dynamic compressors	24
1.5.5	Compression in several stages	24
1.5.6	Comparison between displacement and centrifugal compressors	25

1.6	Electricity	25
1.6.1	Basic terms and definitions	25
1.6.2	Ohm's law for alternating current	26
1.6.3	Three-phase system	27
1.6.4	Power	27
1.6.5	The electric motor	28
1.6.5.1	Speed	28
1.6.5.2	Efficiency	28
1.6.5.3	Insulation class	28
1.6.5.4	Protection classes	28
1.6.5.5	Cooling methods	29
1.6.5.6	Installation method	29
1.6.5.7	Star (Y) and delta ( $\Delta$ ) connections	29
1.6.5.8	Torque	30

## Chapter 2 Compressors and auxiliary equipment

2.1	Displacement compressors	34
2.1.1	Displacement compressors in general	34
2.1.2	Piston compressors	34
2.1.3	Oil-free piston compressors	37
2.1.4	Diaphragm compressors	37
2.1.5	Screw compressors	37
2.1.5.1	Oil-free screw compressor	39
2.1.5.2	Liquid injected screw compressor	39
2.1.6	Tooth compressor	41
2.1.7	Scroll compressor	41
2.1.8	Vane compressor	43
2.1.9	Liquid-ring compressor	43
2.1.10	Blower	44
2.2	Dynamic compressors	44
2.2.1	Dynamic compressors in general	44

2.2.2	Centrifugal compressor	45	2.5.4.1	General	62
2.2.3	Axial compressor	46	2.5.4.2	Load-unload-stop	62
2.3	Other compressors	47	2.5.4.3	Speed control	63
2.3.1	Vacuum pump	47	2.5.5	Control and monitoring	63
2.3.2	Booster compressor	47	2.5.5.1	Temperature measurement	63
2.3.3	Pressure intensifier	48	2.5.5.2	Pressure measurement	64
2.4	Treatment of compressed air	48	2.5.5.3	Monitoring	64
2.4.1	Drying compressed air	48	2.5.6	Comprehensive control system	65
2.4.1.1	Aftercooler	50	2.5.6.1	Start sequence selector	65
2.4.1.2	Refrigerant dryer	50	2.5.7	Central control	66
2.4.1.3	Over-compression	51	2.5.8	Remote monitoring	67
2.4.1.4	Absorption drying	51			
2.4.1.5	Adsorption drying	52			
2.4.2	Filters	54			
2.5	Control and regulation systems	56			
2.5.1	Regulation in general	56			
2.5.2	Regulation principles for displacement compressors	57			
2.5.2.1	Pressure relief	57			
2.5.2.2	Bypass	57			
2.5.2.3	Throttling the intake	57			
2.5.2.4	Pressure relief with throttled intake	58			
2.5.2.5	Start/stop	58			
2.5.2.6	Speed regulation	58			
2.5.2.7	Variable discharge port	59			
2.5.2.8	Balancing of valves	59			
2.5.2.9	Clearance volume	59			
2.5.2.10	Full load-unload -stop	59			
2.5.3	Regulation principles for dynamic compressors	60			
2.5.3.1	Throttling the intake	60			
2.5.3.2	Intake vane control	60			
2.5.3.3	Outlet vane control (diffuser)	60			
2.5.3.4	Pressure relief	60			
2.5.3.5	Load-unload-stop	60			
2.5.3.6	Speed regulation	60			
2.5.4	Control and monitoring	62			

## Chapter 3 Dimensioning and installation

3.1	Dimensioning compressor installations	70
3.1.1	General	70
3.1.1.1	Calculating the working pressure	70
3.1.1.2	Calculating the air requirement	71
3.1.1.3	Measuring the air requirement	72
3.1.2	Centralisation or decentralisation	72
3.1.2.1	General	73
3.1.2.2	Centralised compressor installations	73
3.1.2.3	Decentralised compressor installations	74
3.1.3	Dimensioning at high altitude	74
3.1.3.1	General	74
3.1.3.2	The ambient conditions effect on a compressor	75
3.1.3.3	Power source	76

	3.1.3.3.1 Electric motors	76	3.6.1.1 Air receiver	96
	3.1.3.3.2 Combustion engines	76	3.6.2 Design of the compressed air network	98
3.2	Air treatment	77	3.6.3 Dimensioning the compressed air network	99
3.2.1	General	77	3.6.4 Flow measurement	101
3.2.2	Water vapour in the compressed air	77	3.7 Portable compressors	101
3.2.3	Oil in the compressed air	78	3.7.1 General	101
3.2.4	Microorganisms in the compressed air	79	3.7.2 Noise and gaseous emissions	101
3.2.5	Filters	80	3.7.3 Transport and auxiliary equipment	102
3.2.6	Aftercooler	81	3.8 Electrical installation	102
3.2.7	Water separator	81	3.8.1 General	102
3.2.8	Oil as droplets	81	3.8.2 Motors	102
3.3	Cooling systems	82	3.8.3 Starting methods	103
3.3.1	Water cooled compressors	82	3.8.4 Control voltage	103
3.3.1.1	General	82	3.8.5 Short-circuit protection	104
3.3.1.2	Open system, without circulating water	82	3.8.6 Cables	104
3.3.1.3	Open system, circulating water	82	3.8.7 Phase compensation	104
3.3.1.4	Closed system	83	3.9 Sound	105
3.4	Energy recovery	85	3.9.1 General	105
3.4.1	General	85	3.9.2 Sound pressure	105
3.4.2	Calculation of the recovery potential	87	3.9.3 Absorption	106
3.4.3	Recovery methods	87	3.9.4 Room constant	106
3.4.3.1	General	87	3.9.5 Reverberation	106
3.4.3.2	Air cooled systems	88	3.9.6 Relation between sound power and sound pressure	106
3.4.3.3	Water cooled system	89	3.9.7 Sound measurements	107
3.5	The compressor room	90	3.9.8 Interaction of several sources	108
3.5.1	General	90	3.9.9 Sound reduction	108
3.5.2	Placement and design	91	3.9.10 Noise with compressor installations	109
3.5.3	Foundation	91	3.10 Standards, laws and provisions	109
3.5.4	Intake air	92	3.10.1 General	109
3.5.5	Compressor room ventilation	93	3.10.2 Standards	109
3.6	The compressed air networks structure	96		
3.6.1	General	96		

## Chapter 4 Economy

4.1 Economy	112
4.1.1 Costs for compressed air production	112
4.1.1.1 General	112
4.1.1.2 Apportioning costs	113
4.2 Opportunities for saving	113
4.2.1 Power requirement	113
4.2.2 Working pressure	113
4.2.3 Air consumption	115
4.2.4 Regulation method	116
4.2.5 Air quality	117
4.2.6 Energy recovery	117
4.2.7 Maintenance	118
4.2.7.1 Maintenance planning	119
4.2.7.2 Auxiliary equipment	120
4.3 Other economic factors	120
4.3.1 General	120
4.3.2 LCC	120

## Chapter 5 Calculation example

5.1 Example of dimensioning compressed air installations	124
5.2 Input data	125
5.2.1 Requirement	125
5.2.2 Ambient conditions (dimensioning)	125
5.2.3 Miscellaneous	125
5.3 Component selection	126
5.3.1 Dimensioning the compressor	127
5.3.2 Assumption for the continued calculation	127
5.3.3 Dimensioning of the receiver volume	128
5.3.4 Dimensioning of the dryer	129

5.3.5 Assumptions for the continued calculation	129
5.3.6 Control calculations	130
5.4 Other dimensioning	131
5.4.1 Condensation quantity calculation	131
5.4.2 Ventilation requirement in the compressor area	132
5.5 High altitude	133
5.6 Intermittent output	134
5.7 Water borne energy recovery	135
5.7.1 Assumption	136
5.7.2 Calculation of the cooling water flow in the energy recovery circuit	136
5.7.3 Energy balance across the recovery heat exchanger	137
5.7.4 Compilation of the answer	137
5.8 Pressure drop in the piping	138

## Chapter 6 Appendices

6.1 The SI-system	140
6.2 Drawing symbols	143
6.3 Diagrams and tables	145
6.4 Compilation of current standards and norms	150
6.4.1 Safety related regulations and standards	150
6.4.1.1 Machine safety	150
6.4.1.2 Pressure safety	150
6.4.1.3 Environment	150
6.4.1.4 Electrical safety	150
6.4.2 Technical related standards and norms	151
6.4.2.1 Standardization	151
6.4.2.2 Specifications	151
6.4.2.3 Measurements	151
Index	152



Chapter 1  
Theory

Chapter 2  
Compressors and auxiliary  
equipment

Chapter 3  
Dimensioning  
and installation

Chapter 4  
Economy

Chapter 5  
Calculation examples

Chapter 6  
Appendices

