

## REGULATORS

Note: For custom calibration contact factory for pricing & availability

<b>Type-90</b>			
<b>Miniature Precision Air Pressure Regulator</b>			
Model No	Port	Range PSI (BAR)	List Price
90-AA	1/8 NPT	0.70-30 (0.05-2.1)	€117.85
90-AB	1/8 NPT	1.40-60 (0.10-4.1)	€117.85
90-AC	1/8 NPT	1.40-120 (0.10-8.3)	€117.85
90-UA	1/8 BSP	0.70-30 (0.05-2.1)	€117.85
90-UB	1/8 BSP	1.40-60 (0.10-4.1)	€117.85
90-UC	1/8 BSP	1.40-120 (0.10-8.3)	€117.85
90-XA	Manifold	0.70-30 (0.05-2.1)	€145.75
90-XB	Manifold	1.40-60 (0.10-4.1)	€145.75
90-XC	Manifold	1.40-120 (0.10-8.3)	€145.75
Options:	ADD to Model No.		List Price
ATEX 2014/34/EU	<b>X</b>		€5.90
Accessories:	Part Number		
Mounting Bracket	436-707-075		€9.10
<b>Gauges:</b>			
Range PSI (BAR)	NPT P/N	BSP P/N	List Price
0-30 (0-2)	446-725-006	446-725-030	€21.95
0-60 (0-4)	446-725-007	446-725-031	€21.95
0-160(0-11)	446-725-008	446-725-032	€21.95
<b>Type 100</b>			
<b>Precision Adjustable</b>			
Model No	Port (NPT/BSP)	Range PSI (BAR)	List Price
100-AA,100-BA,100-CA	1/8", 1/4", 3/8"	2-40 (0.14-2.8)	€155.30
100-AB, 100-BB, 100-CB	1/8", 1/4", 3/8"	2-60 (0.14-4.1)	€155.30
100-AC,100-BC, 100-CC	1/8", 1/4", 3/8"	2-120 (0.14-8.3)	€155.30
<b>Type 100HR</b>			
<b>High Relief</b>			
Model No	Port (NPT/BSP)	Range PSI (BAR)	List Price
110-BC	1/4"	2-120 (0.14-8.3)	€180.50
110-CC	3/8"	2-120 (0.14-8.3)	€180.50
<b>Type 100EHR</b>			
<b>Extra High Relief</b>			
Model No	Port (NPT/BSP)	Range PSI (BAR)	List Price
111-BC	1/4"	2-120 (0.14-8.3)	€187.55
111-CC	3/8"	2-120 (0.14-8.3)	€187.55
<b>Type 100LR</b>			
<b>Low Range</b>			
Model No	Port (NPT/BSP)	Range PSI (BAR)	List Price
120-BA	1/4"	0.5-25 (0.03-1.7)	€187.30
<i>Note : 50 PSI Maximum Supply Pressure</i>			
<b>Type 100BP</b>			
<b>Bottom Ported</b>			
Model No	Port	Range PSI (BAR)	List Price
140-BA	N/A	2-40 (0.14-2.8)	€189.00
140-BB	N/A	2-60 (0.14-4.1)	€189.00
140-BC	N/A	2-120 (0.14-8.3)	€189.00
<b>Type 100PL</b>			
<b>Plunger Operated</b>			
Model No	Port (NPT/BSP)	Range PSI (BAR)	List Price
150-AA, 150-BA, 150-CA	1/8", 1/4", 3/8"	2-40 (0.14-2.8)	€269.20
150-AB, 150-BB, 150-CB	1/8", 1/4", 3/8"	2-60 (0.14-4.1)	€269.20
150-AC, 150-BC, 150-CC	1/8", 1/4", 3/8"	2-120 (0.14-8.3)	€269.20
Options: Type 100, 100HR, 100BP, 100PL	ADD to Model No.		List Price
Tapped Exhaust	<b>E</b>		€42.90
Tamperproof Cover	<b>T</b>		€15.70
BSP Porting	<b>U</b>		No Cost
Accessories: Type 100, 100HR, 100BP, 100PL	Part Number		
Mounting Bracket	446-707-045		€11.90
Manifold Mounting Kit	448-548-035		€30.10
<b>Gauges:</b>			
Range PSI (BAR)	Part Number		List Price
0-15 (0-1)	446-725-003		€21.95
0-30 (0-2.1)	446-725-004		€21.95
0-60 (0-4.1)	446-725-001		€21.95
0-160 (0-11)	446-725-002		€21.95
<b>Type 100 M</b>			
<b>Motorized Precision Regulator</b>			
Model No = 130	(port size) (pressure range)(motor specification)		List Price
<b>Port size:</b>	<b>A</b> (1/8" NPT)	<b>B</b> (1.4" NPT)	<b>C</b> (3/8" NPT)
<b>Pressure Range (psig)</b>	<b>A</b> (2-40)	<b>B</b> (2-60)	<b>C</b> (2-120)
<b>Motor:</b>	<b>F</b> (6 RPM, 24 VDC)		€597.40

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<b>Type 100 MLR</b>		<b>Low Range Motorized Regulator</b>		
<b>Model No = 130</b>	(port size) (pressure range)(motor specification)			<b>List Price</b>
<b>Port size:</b>	B (1/4" NPT)			
<b>Pressure Range (psig)</b>	D (0.5-25)			
<b>Motor:</b>	F (6 RPM, 24 VDC)			€617.70
<b>Type 100 MHR</b>		<b>High Relief Capacity Motorized Regulator</b>		
<b>Model No = 130</b>	(port size) (pressure range)(motor specification)			<b>List Price</b>
<b>Port size:</b>	B (1/4" NPT) or C (3/8" NPT)			
<b>Pressure Range (psig)</b>	E (2-120 High Relieving)			
<b>Motor:</b>	F (6 RPM, 24 VDC)			€615.85
<b>Options: Type 100M, 100MLR, 100MHR</b>		<b>ADD to Model No.</b>		
Tapped Exhaust		E		€42.90
BSP Porting		U		No Cost
Gauge: (see Type 100 gauges for part numbers)				€21.30
<b>Type 300</b>		<b>Instrument Air Filter Regulator</b>		
<b>Model No</b>	<b>Port (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
300-BD	1/4"	0-10 (0-0.70)		€81.75
300-BA	1/4"	0-30 (0-2.1)		€81.75
300-BB	1/4"	0-60 (0-4.1)		€81.75
300-BC	1/4"	0-120 (0-8.3)		€81.75
<b>Type 300</b>		<b>NACE Filter Regulator</b>		
<b>Model No</b>	<b>Port (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
310-BA	1/4"	0-30 (0-2.1)		€225.80
310-BB	1/4"	0-60 (0-4.1)		€225.80
310-BC	1/4"	0-120 (0-8.3)		€225.80
<b>Type 300</b>		<b>Filter Only</b>		
<b>Model No</b>		<b>Port</b>		<b>List Price</b>
320-BX		1/4 NPT		€65.80
<b>Options: Type 300</b>		<b>ADD to Model No.</b>		<b>List Price</b>
Tapped Exhaust		E		€23.45
5 Micron Filter (Type-300 & 320 only)		F		€11.25
Low-Temperature Operation		J		€30.15
Knob		K		€9.80
Non-Relieving		N		€15.40
Panel Mount		P		€10.75
Stainless Steel Trim		S		€49.25
Tamper Proof Cover		T		€17.55
		<b>Note: Options J and V cannot be combined</b>		
Viton Elastomers		V		€30.45
ATEX 94/9/EC Approval II 2 GD		X		€5.90
<b>Accessories: Type 300</b>		<b>Part Number</b>		
Mounting Bracket		446-707-028		€7.80
<b>Gauges for T 300: (1/4" NPT back mount, 2" dual scale; not for NACE)</b>				
<b>Range PSI (BAR)</b>		<b>Part Number</b>		<b>List Price</b>
0-15 (0-1)		446-725-003		€21.95
0-30 (0-2.1)		446-725-004		€21.95
0-60 (0-4.1)		446-725-001		€21.95
0-160 (0-11)		446-725-002		€21.95
<b>Gauges for T 310 NACE (stainless steel)</b>				
<b>Range PSI (BAR)</b>		<b>Part Number</b>		<b>List Price</b>
0-30 (0-2.1)		445-725-019		
0-60 (0-4.1)		445-725-020		€71.15
0-160 (0-8.3)		445-725-021		€71.15
<b>Type 330</b>		<b>Instrument Air Filter Regulator</b>		
<b>Model No</b>	<b>Port (NPT)</b>	<b>Range PSI (BAR)</b>	<b>Gauge Ports</b>	<b>List Price</b>
330-BAB	1/4"	0-30 (0-2.1)	2	€80.05
330-BBB	1/4"	0-60 (0-4.1)	2	€80.05
330-BCB	1/4"	0-120 (0-8.3)	2	€80.05
330-DAB	1/2"	0-30 (0-2.1)	2	€167.65
330-DBB	1/2"	0-60 (0-4.1)	2	€167.65
330-DCB	1/2"	0-120 (0-8.3)	2	€167.65
<b>Type 335</b>		<b>NACE Filter Regulator</b>		
<b>Model No</b>	<b>Port (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
335-BAB	1/4"	0-30 (0-2.1)		€232.55
335-BBB	1/4"	0-60 (0-4.1)		€232.55
335-BCB	1/4"	0-100 (0-6.9)		€232.55
<b>Type 340</b>		<b>Instrument Air Regulator</b>		
<b>Model No</b>	<b>Port (NPT)</b>	<b>Range PSI (BAR)</b>	<b>Gauge Ports</b>	<b>List Price</b>
340-BA	1/4"	0-30 (0-2.1)	2	€72.70
340-BB	1/4"	0-60 (0-4.1)	2	€72.70
340-BC	1/4"	0-120 (0-8.3)	2	€72.70

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340-DA	1/2"	0-30 (0-2.1)	2	€132.95
340-DB	1/2"	0-60 (0-4.1)	2	€132.95
340-DC	1/2"	0-120 (0-8.3)	2	€132.95

### Type 345 Filter

Model No	Port (NPT)	List Price
345-BX	1/4"	€64.10
345-DX	1/2"	€140.80
Options: Type 330/335/340/345	ADD to Model No.	List Price
Automatic Drain (Type-330 only)	<b>A</b>	€55.45
Tapped Exhaust	<b>E</b>	€23.45
5 Micron Filter (Type -330, 335 + 345 only)	<b>F</b>	€11.25
Knob	<b>K</b>	€9.80
Low-Temperature Operation	<b>L</b>	€30.15
<b>Note:</b> options A & L cannot be combined		
Non-relieving	<b>N</b>	€15.15
Panel Mount	<b>P</b>	€7.50
ATEX 2014/34/EU	<b>X</b>	€5.90
Accessories: Type 330/335/340/345	Part Number	List Price
Mounting Bracket	446-707-028	€7.80
<b>Gauges:</b> (1/4" NPT back mount, 2" dual scale)		
Range PSI (BAR)	Part Number	List Price
0-15 (0-1)	446-725-003	€21.95
0-30 (0-2.1)	446-725-004	€21.95
0-60 (0-4.1)	446-725-001	€21.95
0-160 (0-11)	446-725-002	€21.95
<b>Gauges for Type 335 (stainless steel)</b>		
Range PSI (BAR)	Part Number	List Price
0-30 (0-2.1)	445-725-019	€71.15
0-60 (0-4.1)	445-725-020	€71.15
0-160 (0-11)	445-725-021	€71.15

### Type CG330 Instrument Air Filter Regulator

Model No	Port (NPT)	Range PSI (BAR)	Gauge Ports	List Price
CG330-BAB	1/4"	0-30 (0-2.1)	2	€93.15
CG330-BBB	1/4"	0-60 (0-4.1)	2	€93.15
CG330-BCB	1/4"	0-120 (0-8.3)	2	€93.15
CG330-DAB	1/2"	0-30 (0-2.1)	2	€179.00
CG330-DBB	1/2"	0-60 (0-4.1)	2	€179.00
CG330-DCB	1/2"	0-120 (0-8.3)	2	€179.00

### Type CG340 Instrument Air Regulator

Model No	Port (NPT)	Range PSI (BAR)	Gauge Ports	List Price
CG340-BA	1/4"	0-30 (0-2.1)	2	€84.05
CG340-BB	1/4"	0-60 (0-4.1)	2	€84.05
CG340-BC	1/4"	0-120 (0-8.3)	2	€84.05
CG340-DA	1/2"	0-30 (0-2.1)	2	€145.35
CG340-DB	1/2"	0-60 (0-4.1)	2	€145.35
CG340-DC	1/2"	0-120 (0-8.3)	2	€145.35

### Options: Type CG330/CG340

	ADD to Model No.	List Price
Automatic Drain (Type CG330 only)	<b>A</b>	€55.45
Tapped Exhaust	<b>E</b>	€23.45
5 Micron Filter (Type CG330 only)	<b>F</b>	€11.25
Knob	<b>K</b>	€9.80
ATEX 2014/34/EU	<b>X</b>	€5.90

### Accessories: Type CG330/CG340

	Part Number	List Price
Mounting Bracket	446-707-028	€7.80

### Gauges: (1/4" NPT back mount, 2" dual scale)

Range PSI (BAR)	Part Number	List Price
0-15 (0-1)	446-725-003	€21.95
0-30 (0-2.1)	446-725-004	€21.95
0-60 (0-4.1)	446-725-001	€21.95
0-160 (0-11)	446-725-002	€21.95

### Type 350SS Stainless Steel Filter Regulator

Model No	Port (NPT)	Range PSI (BAR)	List Price
350-BA	1/4"	0-30 (0-2.1)	€479.40
350-BB	1/4"	0-60 (0-4.1)	€479.40
350-BC	1/4"	0-100 (0-6.9)	€479.40
350-BD	1/4"	0-150 (0-10.3)	€479.40
350-DA	1/2"	0-30 (0-2.1)	€652.40
350-DB	1/2"	0-60 (0-4.1)	€652.40
350-DC	1/2"	0-100 (0-6.9)	€652.40
350-DD	1/2"	0-150 (0-10.3)	€652.40

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<b>Type 360SS</b>		<b>Stainless Steel Regulator</b>	
Model No	Port (NPT)	Range PSI (BAR)	List Price
360-BA	1/4"	0-30 (0-2.1)	€410.20
360-BB	1/4"	0-60 (0-4.1)	€410.20
360-BC	1/4"	0-100 (0-6.9)	€410.20
360-BD	1/4"	0-150 (0-10.3)	€410.20
360-DA	1/2"	0-30 (0-2.1)	€574.60
360-DB	1/2"	0-60 (0-4.1)	€574.60
360-DC	1/2"	0-100 (0-6.9)	€574.60
360-DD	1/2"	0-150 (0-10.3)	€574.60
<b>Type 370SS</b>		<b>Stainless Steel Filter (non-relieving)</b>	
Model No	Port (NPT)		List Price
370-BX	1/4"		€330.90
370-DX	1/2"		€494.95
<b>Options: Type-350/360/370SS Series:</b>		<b>ADD to Model No.</b>	<b>List Price</b>
Automatic Drain (Type 350 & 370)		<b>A</b>	€165.55
5 Micron Filter		<b>F</b>	€20.60
Knob		<b>K</b>	€29.80
Low Temperature Operation		<b>L</b>	€73.45
Non-Relieving		<b>N</b>	€26.70
ATEX 2014/34/EU		<b>X</b>	€5.90
<b>Note:</b> Options A and L cannot be combined			
<b>Accessories: Type-350/360/370SS Series:</b>		<b>Part Number</b>	
1/8" NPT Exhaust Screen Fitting		445-761-005	€14.10
Mounting Bracket Kit (includes panel nut)		448-542-011	€39.35
Panel Nut		446-734-052	€19.15
5 Micron Filter, 1/4" NPT (Type 350 & 370)		446-777-012	€59.85
5 Micron Filter, 1/2" NPT (Type 350 & 370)		446-777-014	€59.85
25 Micron Filter, 1/4" NPT (Type 350 & 370)		446-777-019	€50.25
25 Micron Filter, 1/2" NPT (Type 350 & 370)		446-777-020	€50.25
<b>Gauges:</b>		<b>Part Number</b>	<b>List Price</b>
<b>Range PSI (BAR)</b>			
0-30 (0-2.1)		445-725-019	€71.15
0-60 (0-4.1)		445-725-020	€71.15
0-160 (0-11)		445-725-021	€71.15
<b>Type 380SS</b>		<b>Stainless Steel Filter Regulator</b>	
Model No	Port (NPT)	Output Range PSI (BAR)	List Price
380-EA	3/4"	0-30 (0-2.1)	€1,513.85
380-EB	3/4"	0-60 (0-4.1)	€1,513.85
380-EC	3/4"	0-100 (0-6.9)	€1,513.85
380-ED	3/4"	0-150 (0-10.3)	€1,513.85
380-EE	3/4"	0-200 (0-13.8)	€1,513.85
380-FA	1"	0-30 (0-2.1)	€1,513.85
380-FB	1"	0-60 (0-4.1)	€1,513.85
380-FC	1"	0-100 (0-6.9)	€1,513.85
380-FD	1"	0-150 (0-10.3)	€1,513.85
380-FE	1"	0-200 (0-13.8)	€1,513.85
<b>Type 390SS</b>		<b>Stainless Steel Regulator</b>	
Model No	Port (NPT)	Output Range PSI (BAR)	List Price
390-EA	3/4"	0-30 (0-2.1)	€1,266.95
390-EB	3/4"	0-60 (0-4.1)	€1,266.95
390-EC	3/4"	0-100 (0-6.9)	€1,266.95
390-ED	3/4"	0-150 (0-10.3)	€1,266.95
390-EE	3/4"	0-200 (0-13.8)	€1,266.95
390-FA	1"	0-30 (0-2.1)	€1,266.95
390-FB	1"	0-60 (0-4.1)	€1,266.95
390-FC	1"	0-100 (0-6.9)	€1,266.95
390-FD	1"	0-150 (0-10.3)	€1,266.95
390-FE	1"	0-200 (0-13.8)	€1,266.95
<b>Options: Type 380/390SS Series</b>		<b>ADD to Model No.</b>	<b>List Price</b>
Automatic Drain (Type 380 only)		<b>A</b>	€201.45
5 Micron Filter (Type 380 only)		<b>F</b>	€89.65
Low Temperature Operation		<b>L</b>	€109.70
Non-relieving		<b>N</b>	€151.95
ATEX 2014/34/EU		<b>X</b>	€5.90
<b>Note:</b> Options A and L cannot be combined			
<b>Accessories: Type 380/390SS Series</b>		<b>Part Number</b>	
1/8" NPT Exhaust Screen Fitting		445-761-005	€14.10
Mounting Bracket		449-542-051	€131.00
<b>Gauges:</b>		<b>Part Number</b>	<b>List Price</b>
<b>Range PSI (BAR)</b>			
0-30 (0-2.1)		445-725-019	€71.15
0-60 (0-4.1)		445-725-020	€71.15
0-160 (0-11)		445-725-021	€71.15

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<b>Type 3500</b>		<b>High Pressure Regulator (non-relieving)</b>		
Model No	Construction	Adjustment	Output Range PSI (BAR)	List Price
3500-BA	Brass	Socket	0-30 (0-2.1)	€231.55
3500-CA	Brass	T-handle	0-30 (0-2.1)	€238.70
3500-BB	Brass	Socket	0-60 (0-4.1)	€231.55
3500-CB	Brass	T-handle	0-60 (0-4.1)	€238.70
3500-BC	Brass	Socket	0-125 (0-8.6)	€231.55
3500-CC	Brass	T-handle	0-125 (0-8.6)	€238.70
3500-BD	Brass	Socket	0-150 (0-10.3)	€231.55
3500-CD	Brass	T-handle	0-150 (0-10.3)	€238.70
3500-BE	Brass	Socket	0-225 (0-15.5)	€231.55
3500-CE	Brass	T-handle	0-225 (0-15.5)	€238.70
<b>Options/Accessories: Type 3500:</b>				
<b>Description:</b>			<b>Part Number</b>	<b>List Price</b>
Gauge	0-300 PSI (0-20.68)		445-725-039	€21.95
<b>Type 3600</b>		<b>High Pressure Regulator (non-relieving)</b>		
Model No	Construction	Adjustment	Output Range PSI (BAR)	List Price
3600-BA	316 Stainless Steel	Socket	0-30 (0-2.1)	€428.70
3600-CA	316 Stainless Steel	T-handle	0-30 (0-2.1)	€428.70
3600-BB	316 Stainless Steel	Socket	0-60 (0-4.1)	€428.70
3600-CB	316 Stainless Steel	T-handle	0-60 (0-4.1)	€428.70
3600-BC	316 Stainless Steel	Socket	0-125 (0-8.6)	€428.70
3600-CC	316 Stainless Steel	T-handle	0-125 (0-8.6)	€428.70
3600-BD	316 Stainless Steel	Socket	0-150 (0-10.3)	€428.70
3600-CD	316 Stainless Steel	T-handle	0-150 (0-10.3)	€428.70
3600-BE	316 Stainless Steel	Socket	0-225 (0-15.5)	€428.70
3600-CE	316 Stainless Steel	T-handle	0-225 (0-15.5)	€428.70
<b>Options/Accessories: Type 3600:</b>				
<b>Description:</b>			<b>Part Number</b>	<b>List Price</b>
"1/4" NPT Vent Screen Fitting: 316 SS (Type 3600 only)			445-761-011	€28.10
<b>Type 400</b>		<b>General Service Adjustable</b>		
Model No	Port (NPT)	Range PSI (BAR)	List Price	
400-BD	1/4"	0-10 (0-0.7)	€70.40	
400-BA	1/4"	0-30 (0-2.1)	€70.40	
400-BB	1/4"	0-60 (0-4.1)	€70.40	
400-BC	1/4"	0-120 (0-8.3)	€70.40	
<b>Options: Type 400:</b>		<b>ADD to Model No.</b>	<b>List Price</b>	
Tapped Exhaust		<b>E</b>	€23.45	
Low-Temperature Operation		<b>J</b>	€30.15	
Knob		<b>K</b>	€9.80	
Non-Relieving		<b>N</b>	€15.15	
Stainless Steel Adjust Screw		<b>S</b>	€10.00	
Tamper Proof Cover		<b>T</b>	€17.55	
Viton Elastomers		<b>V</b>	€30.45	
ATEX 2014/34/EU		<b>X</b>	€5.90	
<b>Accessories: Type 400:</b>		<b>Part Number</b>		
Mounting Bracket		446-707-028	€7.80	
<b>Gauges: (1/4" NPT back mount, 2" dual scale)</b>				
<b>Range PSI (BAR)</b>		<b>Part Number</b>	<b>List Price</b>	
0-15 (0-1)		446-725-003	€21.95	
0-30 (0-2.1)		446-725-004	€21.95	
0-60 (0-4.1)		446-725-001	€21.95	
0-160 (0-11)		446-725-002	€21.95	
<b>Type 410</b>		<b>High Precision Pressure Regulator</b>		
Model No	Port (NPT)	Range PSI (BAR)	List Price	
410-BA	1/4"	0-2 (0-0.14)	€96.25	
410-BB	1/4"	0-10 (0-0.7)	€96.25	
410-BC	1/4"	0-30 (0-2.1)	€96.25	
410-BD	1/4"	0-60 (0-4.1)	€96.25	
410-BE	1/4"	0-100 (0-7.0)	€96.25	
<b>Options: Type 410:</b>		<b>ADD to Model No.</b>	<b>List Price</b>	
Low Bleed		<b>L</b>	€5.75	
Non-Relieving		<b>N</b>	€15.15	
Stainless Steel Trim		<b>S</b>	€13.80	
ATEX 2014/34/EU		<b>X</b>	€5.80	
<b>Accessories: Type 410:</b>		<b>Part Number</b>		
Mounting Bracket		446-707-028	€7.80	
<b>Gauges: (1/4" NPT back mount, 2" dual scale)</b>				
<b>Range PSI (BAR)</b>		<b>Part Number</b>	<b>List Price</b>	
0-15 (0-1)		446-725-003	€21.95	
0-30 (0-2.1)		446-725-004	€21.95	
0-60 (0-4.1)		446-725-001	€21.95	
0-160 (0-11)		446-725-002	€21.95	

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<b>Type 480V Vacuum Regulator</b>			
Model No	Port (NPT)	Range in. Hg (kPa)	List Price
480V-BA	1/4"	0 to 30 (-100 to -1.3 kPa)	€226.20
Gauge:		Part Number	List Price
		445-725-038	€77.35
<b>Type 700 High Flow Capacity</b>			
Model No	Port	Range PSI (BAR)	List Price
700-BA, 700-CA	1/4", 3/8"	0-2 (0-0.14)	€131.85
700-BC, 700-CC	1/4", 3/8"	0-15 (0-1)	€123.85
700-BD, 700-CD	1/4", 3/8"	0-30 (0-2.1)	€123.85
700-BE, 700-CE	1/4", 3/8"	0-60 (0-4.1)	€123.85
700-BF, 700-CF	1/4", 3/8"	0-150 (0-10.3)	€123.85
700-BG, 700-CG	1/4", 3/8"	0-100 (0-7.0)	€123.85
700-DA	1/2"	0-2 (0-0.14)	€156.10
700-DC	1/2"	0-15 (0-1)	€148.30
700-DD	1/2"	0-30 (0-2.1)	€148.30
700-DE	1/2"	0-60 (0-4.1)	€148.30
700-DF	1/2"	0-150 (0-10.3)	€148.30
700-DG	1/2"	0-100 (0-7.0)	€148.30
Options:Type 700		ADD to Model No.	List Price
Check Valve		<b>C</b>	€37.65
Tapped Exhaust		<b>E</b>	€23.50
High Bleed		<b>H</b>	€14.90
Knob with Stainless Steel Stem		<b>K</b>	€27.55
Low Bleed		<b>L</b>	€13.45
Non-Relieving		<b>N</b>	€15.15
Stainless Steel Adjust Screw		<b>S</b>	€14.20
Tamper Proof Cover		<b>T</b>	€17.55
BSP Porting		<b>U</b>	No Cost
ATEX 2014/34/EU		<b>X</b>	€5.90
		<b>Note:</b> Options L, H or C cannot be combined with Option N	
		<b>Note:</b> Options S and T cannot be combined	
		<b>Note:</b> Options K and T cannot be combined	
Accessories:Type 700		Part Number	List Price
Mounting Bracket		446-707-025	€7.80
Gauges:		Part Number	List Price
Range PSI (BAR)			
0-15 (0-1)		446-725-003	€21.95
0-30 (0-2.1)		446-725-004	€21.95
0-60 (0-4.1)		446-725-001	€21.95
0-160 (0-11)		446-725-002	€21.95
<b>Type 710BP Back Pressure Regulator</b>			
Model No	Port	Range PSI (BAR)	List Price
710-BA, 710-CA	1/4", 3/8"	0-2 (0-0.14)	€179.70
710-BB, 710-CB	1/4", 3/8"	0-10 (0-0.7)	€171.15
710-BC, 710-CC	1/4", 3/8"	0-15 (0-1)	€171.15
710-BD, 710-CD	1/4", 3/8"	0-30 (0-2.1)	€171.15
710-BE, 710-CE	1/4", 3/8"	0-60 (0-4.1)	€171.15
710-BF, 710-CF	1/4", 3/8"	0-150 (0-10.3)	€171.15
710-DA	1/2"	0-2 (0-0.14)	€199.20
710-DB	1/2"	0-10 (0-0.7)	€191.25
710-DC	1/2"	0-15 (0-1)	€191.25
710-DD	1/2"	0-30 (0-2.1)	€191.25
710-DE	1/2"	0-60 (0-4.1)	€191.25
710-DF	1/2"	0-150 (0-10.3)	€191.25
Options:Type 700BP		ADD to Model No.	List Price
Tapped Exhaust		<b>E</b>	€23.50
Knob with Stainless Steel Stem		<b>K</b>	€27.55
Stainless Steel Adjusting Screw		<b>S</b>	€14.20
Tamperproof Cover		<b>T</b>	€17.55
BSP porting 1/4" only		<b>U</b>	No Cost
ATEX 2014/34/EU		<b>X</b>	€5.90
		<b>Note:</b> Options K and S cannot be combined	
Accessories:Type 700BP		Part Number	List Price
Mounting Bracket		446-707-025	€7.80
Gauges:		Part Number	List Price
Range PSI (BAR)			
0-15 (0-1)		446-725-003	€21.95
0-30 (0-2.1)		446-725-004	€21.95
0-60 (0-4.1)		446-725-001	€21.95
0-160 (0-11)		446-725-002	€21.95

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<b>Type 7000 Precision Air Pressure Regulator</b>			
Model No	Port	Range PSI (BAR)	List Price
7000-BA, 7000-DA, 7000-EA	1/4", 1/2", 3/4"	0-2 (0-0.14)	€324.25
7000-BB, 7000-DB, 7000-EB	1/4", 1/2", 3/4"	0-10 (0-0.7)	€324.25
7000-BC, 7000-DC, 7000-EC	1/4", 1/2", 3/4"	0-30 (0-2.1)	€324.25
7000-BD, 7000-DD, 7000-ED	1/4", 1/2", 3/4"	0-60 (0-4.1)	€324.25
7000-BE, 7000-DE, 7000-EE	1/4", 1/2", 3/4"	0-100 (0-6.9)	€324.25
7000-BF, 7000-DF, 7000-EF	1/4", 1/2", 3/4"	0-150 (0-10.3)	€324.25
7000-BG, 7000-DG, 7000-EG	1/4", 1/2", 3/4"	0-200 (0-13.8)	€365.75
Options: Type 7000		ADD to Model No.	List Price
Tapped Exhaust		<b>E</b>	€23.50
Knob with Stainless Steel Stem		<b>K</b>	€27.55
Low Bleed		<b>L</b>	€13.45
Non-Relieving		<b>N</b>	€15.15
Stainless Steel Adjusting Screw		<b>S</b>	€14.20
Tamperproof Cover		<b>T</b>	€17.55
ATEX 2014/34/EU		<b>X</b>	€5.90
		<b>Note:</b> Options <b>K</b> and <b>S</b> cannot be combined	
		<b>Note:</b> Options <b>L</b> and <b>N</b> cannot be combined	
Accessories: Type 7000		Part Number	List Price
Mounting Bracket (Zinc Plated Steel)		449-542-045	€33.00
Exhaust Screen /Muffler Fitting 1/4" NPT (Plated Steel)		445-761-008	€26.40
Gauges:			
Range PSI (BAR)	Part Number	List Price	
0-15 (0-1)	446-725-003	€21.95	
0-30 (0-2.1)	446-725-004	€21.95	
0-60 (0-4.1)	446-725-001	€21.95	
0-160 (0-11)	446-725-002	€21.95	
0-300 (0-21)	445-725-039	€21.95	
<b>Type 7100 Precision Air Pressure Regulator</b>			
Model No	Port	Range PSI (BAR)	List Price
7100-BA, 7100-DA, 7100-EA	1/4", 1/2", 3/4"	2-40 (0.14-2.7)	€383.20
7100-BB, 7100-DB, 7100-EB	1/4", 1/2", 3/4"	2-60 (0.14-4.1)	€383.20
7100-BC, 7100-DC, 7100-EC	1/4", 1/2", 3/4"	2-120 (0.14-8.2)	€383.20
Options: Type 7100		ADD Option to Model No.	List Price
Tapped Exhaust		<b>E</b>	€24.25
Tamperproof Cover		<b>T</b>	€18.05
ATEX 2014/34/EU		<b>X</b>	€5.90
Accessories: Type 7100		Part Number	List Price
Mounting Bracket (Zinc Plated Steel)		449-542-045	€33.00
Exhaust Screen /Muffler Fitting 1/4" NPT (Plated Steel)		445-761-008	€26.40
Gauges:			
Range PSI (BAR)	Part Number	List Price	
0-30 (0-2.1)	446-725-004	€20.30	
0-60 (0-4.1)	446-725-001	€20.30	
0-160 (0-11)	446-725-002	€20.30	
<b>Type 7200 Precision Back Pressure Regulator</b>			
Model No	Port	Range PSI (BAR)	List Price
7200-BA, 7200-DA, 7200-EA	1/4", 1/2", 3/4"	0-2 (0-0.14)	€447.95
7200-BB, 7200-DB, 7200-EB	1/4", 1/2", 3/4"	0-10 (0-0.7)	€447.95
7200-BC, 7200-DC, 7200-EC	1/4", 1/2", 3/4"	0-30 (0-2.1)	€447.95
7200-BD, 7200-DD, 7200-ED	1/4", 1/2", 3/4"	0-60 (0-4.1)	€447.95
7200-BE, 7200-DE, 7200-EE	1/4", 1/2", 3/4"	0-100 (0-6.9)	€447.95
7200-BF, 7200-DF, 7200-EF	1/4", 1/2", 3/4"	0-150 (0-10.3)	€447.95
Options: Type 7200		ADD Option to Model No.	List Price
Knob with Stainless Steel Stem		<b>K</b>	€27.55
Stainless Steel Adjusting Screw		<b>S</b>	€14.20
Tamperproof Cover		<b>T</b>	€17.55
ATEX 2014/34/EU		<b>X</b>	€5.90
Accessories: Type 7200		Part Number	List Price
Mounting Bracket (Zinc Plated Steel)		449-542-045	€24.45
Exhaust Screen /Muffler Fitting 1/4" NPT (Plated Steel)		445-761-008	€20.45
Exhaust Screen /Muffler Fitting 1/2" NPT (Plated Steel)		445-761-013	€27.15
Exhaust Screen /Muffler Fitting 3/4" NPT (Plated Steel)		445-761-006	€61.95
Gauges:			
Range PSI (BAR)	Part Number	List Price	
0-15 (0-1)	446-725-003	€21.95	
0-30 (0-2.1)	446-725-004	€21.95	
0-60 (0-4.1)	446-725-001	€21.95	
0-160 (0-11)	446-725-002	€21.95	

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<b>Type 800</b>		<b>Subminiature Pressure Regulator</b>		
		<b>Port Size</b>		
<b>Range PSI (BAR)</b>	<b>1/16 NPT</b>	<b>M5</b>	<b>10-32</b>	<b>List Price</b>
0-5 (0-0.3)	800-AA	800-BA	800-CA	€64.45
0-15 (0-1)	800-AB	800-BB	800-CB	€64.45
0-30 (0-2.1)	800-AC	800-BC	800-CC	€64.45
0-60 (0-4.1)	800-AD	800-BD	800-CD	€64.45
0-100 (0-6.9)	800-AE	800-BE	800-CE	€64.45
<b>Type 800M</b>		<b>Manifold Mounted</b>		
<b>Model No</b>	<b>Range PSI (BAR)</b>			<b>List Price</b>
820-XA	0-5 (0-0.3)			€110.90
820-XB	0-15 (0-1)			€110.90
820-XC	0-30 (0-2.1)			€110.90
820-XD	0-60 (0-4.1)			€110.90
820-XE	0-100 (0-6.9)			€110.90
<b>Type 800TP</b>		<b>Threaded Post Mount</b>		
<b>Model No</b>	<b>Range PSI (BAR)</b>			<b>List Price</b>
830-XA	0-5 (0-0.3)			€79.25
830-XB	0-15 (0-1)			€79.25
830-XC	0-30 (0-2.1)			€79.25
830-XD	0-60 (0-4.1)			€79.25
830-XE	0-100 (0-6.9)			€79.25
<b>Options: Type 800, 800M, 800TP:</b>		<b>ADD to Model No.</b>		<b>List Price</b>
Non-Relieving		<b>N</b>		€12.95
ATEX 2014/34/EU		<b>X</b>		€5.90
<b>Accessories: Type 800, 800M, 800TP:</b>		<b>Part Number</b>		
10-32 UNF Barb screw		545-748-037		
Mounting Bracket		445-707-043		
		€19.90		
		€8.05		
<b>Type 850</b>		<b>Miniature Air Regulator</b>		
<b>Model No</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
850-AE, 850-BE	1/8", 1/4"	0-5 (0-0.3)		€33.25
850-AA, 850-BA	1/8", 1/4"	0-15 (0-1)		€33.25
850-AB, 850-BB	1/8", 1/4"	0-30 (0-2.1)		€33.25
850-AC, 850-BC	1/8", 1/4"	0-60 (0-4.1)		€33.25
850-AD, 850-BD	1/8", 1/4"	0-100 (0-6.9)		€33.25
<b>Model No</b>	<b>Porting (BSP)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
850-CE, 850-DE	1/8", 1/4"	0-5 (0-0.3)		€33.25
850-CA, 850-DA	1/8", 1/4"	0-15 (0-1)		€33.25
850-CB, 850-DB	1/8", 1/4"	0-30 (0-2.1)		€33.25
850-CC, 850-DC	1/8", 1/4"	0-60 (0-4.1)		€33.25
850-CD, 850-DD	1/8", 1/4"	0-100 (0-6.9)		€33.25
<b>Type 855BP</b>		<b>Miniature Back Pressure Regulator</b>		
<b>Model No</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
855-BE	1/4"	0-5 (0-0.3)		€65.75
855-BA	1/4"	0-15 (0-1)		€65.75
855-BB	1/4"	0-30 (0-2.1)		€65.75
855-BC	1/4"	0-60 (0-4.1)		€65.75
855-BD	1/4"	0-100 (0-6.9)		€65.75
<b>Type 860</b>		<b>Miniature Air/Water Regulator (Non-Relieving)</b>		
<b>Model No</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
860-AEN, 860-BEN	1/8", 1/4"	0-5 (0-0.3)		€41.05
860-AAN, 860-BAN	1/8", 1/4"	0-15 (0-1)		€41.05
860-ABN, 860-BBN	1/8", 1/4"	0-30 (0-2.1)		€41.05
860-ACN, 860-BCN	1/8", 1/4"	0-60 (0-4.1)		€41.05
860-ADN, 860-BDN	1/8", 1/4"	0-100 (0-6.9)		€41.05
<b>Model No</b>	<b>Porting (BSP)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
860-CEN, 860-DEN	1/8", 1/4"	0-5 (0-0.3)		€41.05
860-CAN, 860-DAN	1/8", 1/4"	0-15 (0-1)		€41.05
860-CBN, 860-DBN	1/8", 1/4"	0-30 (0-2.1)		€41.05
860-CCN, 860-DCN	1/8", 1/4"	0-60 (0-4.1)		€41.05
860-CDN, 860-DDN	1/8", 1/4"	0-100 (0-6.9)		€41.05
<b>Type 870</b>		<b>Miniature Food Grade Potable Water Regulator</b>		
<b>Model No</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
870-AEN, 870-BEN	1/8", 1/4"	0-5 (0-0.3)		€46.85
870-AAN, 870-BAN	1/8", 1/4"	0-15 (0-1)		€46.85
870-ABN, 870-BBN	1/8", 1/4"	0-30 (0-2.1)		€46.85
870-ACN, 870-BCN	1/8", 1/4"	0-60 (0-4.1)		€46.85
870-ADN, 870-BDN	1/8", 1/4"	0-100 (0-6.9)		€46.85
<b>Model No</b>	<b>Porting (BSP)</b>	<b>Range PSI (BAR)</b>		<b>List Price</b>
870-CEN, 870-DEN	1/8", 1/4"	0-5 (0-0.3)		€46.85
870-CAN, 870-DAN	1/8", 1/4"	0-15 (0-1)		€46.85
870-CBN, 870-DBN	1/8", 1/4"	0-30 (0-2.1)		€46.85
870-CCN, 870-DCN	1/8", 1/4"	0-60 (0-4.1)		€46.85
870-CDN, 870-DDN	1/8", 1/4"	0-100 (0-6.9)		€46.85

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<b>Options: Type 850, 855, 860, 870:</b>	<b>ADD Option to Model No.</b>	<b>List Price</b>
Non-Relieving Type 850	N	€8.00
Non-Relieving Type 860 & 870 Standard	N	No Cost
<b>Accessories: Type 850, 855, 860, 870:</b>	<b>Part Number</b>	
Mounting Bracket	446-707-100	€7.80

<b>Gauges:</b>		
<b>Range PSI (BAR)</b>	<b>Part Number</b>	<b>List Price</b>
0-15 (0-1)	446-725-005	€21.95
0-30 (0-2.1)	446-725-006	€21.95
0-60 (0-4.1)	446-725-007	€21.95
0-160 (0-11)	446-725-008	€26.40
Panel Nut	442-734-040	€2.40

### Type FA10 Coalescing Filter

<b>Model No = FA10 (Port Size) (Filter Size)(Drain)(Bowl Material)</b>				
<b>Filter Size:</b>	<b>B = .03 Micron</b>	<b>C = 0.01 Micron</b>		
<b>Drain</b>	<b>M = Manual</b>	<b>A = Automatic</b>		
<b>Bowl Material</b>	<b>P = Polycarbonate</b>	<b>M = Metal</b>		
<b>Port Size</b>	<b>Filter Size</b>	<b>Drain</b>	<b>Bowl Material</b>	<b>List Price</b>
A = 1/8"	All Sizes	Manual (Standard)	Polycarbonate (Standard)	€75.95
B = 1/4"	All Sizes	Manual (Standard)	Polycarbonate (Standard)	€93.45
D = 1/2"	All Sizes	Manual (Standard)	Polycarbonate (Standard)	€107.95
<b>Options: FA10 :</b>	<b>Port Size</b>	<b>ADD Option to Model No.</b>		<b>List Price</b>
Automatic Drain	1/8"	A		€28.95
Automatic Drain	1/4", 1/2"	A		€49.05
Metal Bowl	1/8"	M		€18.35
Metal Bowl	1/4", 1/2"	M		€31.20
<b>Accessories: FA10 :</b>				
<b>Mounting Bracket (rolled steel)</b>	<b>Port Size</b>	<b>Part Number</b>		<b>List Price</b>
FA10-ABM/ACM	1/8"	446-707-119		€9.10
FA10-BBM/BCM	1/4"	446-707-120		€9.10
FA10-DBM/DCM	1/2"	446-707-121		€9.10

### Type FA12 Filter Regulator/Coalescing Filter Combo

<b>Model No.</b>	<b>Port Size</b>	<b>Filter</b>	<b>List Price</b>
FA12-ABM	1/8"	5 micron/ 0.3 micron	€178.05
FA12-ACM	1/8"	5 micron/ 0.01 micron	€178.05
FA12-BBM	1/4"	5 micron/ 0.3 micron	€178.05
FA12-BCM	1/4"	5 micron/ 0.01 micron	€178.05

#### Replacement Parts

##### Filter Elements FA10 + FA12

<b>Description:</b>	<b>Port Size</b>	<b>Part Number</b>	<b>List Price</b>
0.3 micron	1/8"	446-777-040	€60.20
0.01 micron	1/8"	446-777-041	€66.15
0.3 micron	1/4"	446-777-042	€82.25
0.01 micron	1/4"	446-777-043	€106.45
0.3 micron	1/2"	446-777-044	€101.95
0.01 micron	1/2"	446-777-045	€112.80

### Type 1227 Pressure Regulator

<b>Model No = 1227 (version)(port size) (spring range)(orifice size)</b>				
<b>Ranges PSI (BAR):</b>	<b>C = 5-20 (0.3-1.4)</b>	<b>D = 15-40 (1-2.8)</b>	<b>E = 35-80 (2-4)</b>	
	<b>F = 10-90 (0.7-2.6)</b>	<b>G = 70-150 (4.8-10.3)</b>		
<b>Orifice Size:</b>	<b>A = 3/32" B = 1/8" C = 3/16" D = 1/4" E = 3/8" F = 1/2"</b>			
<b>Version</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>	<b>Orifice Size:</b>	<b>List Price</b>
<b>S = Standard</b>	<b>E = 3/4"</b>	All Ranges	All Sizes	€282.85
<b>S = Standard</b>	<b>F = 1"</b>	All Ranges	All Sizes	€282.85
<b>S = Standard</b>	<b>G = 2"</b>	All Ranges	All Sizes	€424.25
<b>N = Nace</b>	<b>E = 3/4"</b>	All Ranges	All Sizes	€404.45
<b>N = Nace</b>	<b>F = 1"</b>	All Ranges	All Sizes	€404.45
<b>N = Nace</b>	<b>G = 2"</b>	All Ranges	All Sizes	€606.60

#### Options/Accessories:Type 1227

<b>Description:</b>	<b>ADD to Model No.</b>	<b>List Price</b>
Stainless Trim (1227S only - standard on 1227N)	S	€45.05
Monitoring	M	€64.65
Nylon Valve Disk	N	€13.40
Nitrile Elastomers (1227N only- standard on 1227S)	B	€13.40
Fluorocarbon Valve Disk	V	€24.50

#### Replacement Parts

##### Orifice Replacement Kits

<b>Material</b>	<b>Size</b>	<b>Part No.</b>	<b>List Price</b>
Aluminum/Nitrile	3/32" 2.4 mm	449-871-179	€10.45
Aluminum/Nitrile	1/8" 3.2 mm	449-871-180	€6.90
Aluminum/Nitrile	3/16" 4.8 mm	449-871-181	€6.90
Aluminum/Nitrile	1/4" 6.4 mm	449-871-182	€6.90
Aluminum/Nitrile	3/8" 9.5 mm	449-871-183	€6.90
Aluminum/Nitrile	1/2" 13 mm	449-871-184	€6.90
Stainless Steel/Nitrile	3/32" 2.4 mm	449-871-185	€23.50
Stainless Steel/Nitrile	1/8" 3.2 mm	449-871-186	€18.85
Stainless Steel/Nitrile	3/16" 4.8 mm	449-871-187	€18.85
Stainless Steel/Nitrile	1/4" 6.4 mm	449-871-188	€18.85

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Stainless Steel/Nitrile	3/8"	9.5 mm	449-871-189	€18.85
Stainless Steel/Nitrile	1/2"	13 mm	449-871-190	€18.85
Aluminum/Fluorocarbon	3/32"	2.4 mm	449-871-191	€13.15
Aluminum/Fluorocarbon	1/8"	3.2 mm	449-871-192	€9.60
Aluminum/Fluorocarbon	3/16"	4.8 mm	449-871-193	€9.60
Aluminum/Fluorocarbon	1/4"	6.4 mm	449-871-194	€9.60
Aluminum/Fluorocarbon	3/8"	9.5 mm	449-871-195	€9.60
Aluminum/Fluorocarbon	1/2"	13 mm	449-871-196	€9.60
Stainless Steel/Fluorocarbon	3/32"	2.4 mm	449-871-197	€27.75
Stainless Steel/Fluorocarbon	1/8"	3.2 mm	449-871-198	€21.50
Stainless Steel/Fluorocarbon	3/16"	4.8 mm	449-871-199	€21.50
Stainless Steel/Fluorocarbon	1/4"	6.4 mm	449-871-200	€21.50
Stainless Steel/Fluorocarbon	3/8"	9.5 mm	449-871-201	€21.50
Stainless Steel/Fluorocarbon	1/2"	13 mm	449-871-202	€21.50

#### Replacement Springs

Color	Range PSI(BAR)	Part No.	List Price
Yellow Spring	5-20 (0.3 - 1.4)	446-755-202K	€13.70
Green Spring	15-40 (1-2.8)	446-755-203K	€13.70
Blue Spring	35-80 (2.4 - 5.5)	446-755-204K	€13.70
Blue Spring	10-95 (7 - 6.4)	446-755-204K	€13.70
Red Spring	70-150 (4.8 - 10.3)	446-755-205K	€13.70

#### Type 1230 Pressure Regulator

Model No = 1230 (version)(port size) (spring range)(orifice size)

<b>Ranges PSI (BAR):</b>	<b>D = 27-50 (1.9-3.4)</b>	<b>E = 46-95 (3.2-6.6)</b>	<b>F = 90-150 (6.2-10.3)</b>
	<b>G = 150-200(10.3-13.8)</b>	<b>H = 200-275(13.8-19)</b>	<b>I = 275-500(19-34.5)</b>

<b>Orifice Size:</b>	<b>B = 1/8" C = 3/16" D = 1/4" E = 3/8" F = 1/2"</b>		
<b>Version</b>	<b>Porting (NPT)</b>	<b>Range PSI (BAR)</b>	<b>Orifice Size</b>
<b>S = Standard</b>	<b>F = 1"</b>	All Ranges	All Sizes
<b>S = Standard</b>	<b>G = 2"</b>	All Ranges	All Sizes
<b>N = Nace</b>	<b>F = 1"</b>	All Ranges	All Sizes
<b>N = Nace</b>	<b>G = 2"</b>	All Ranges	All Sizes

#### Options/Accessories:Type 1230

Description:	ADD to Model No.	List Price
Nitrile Elastomers (1230N only - standard on 1230S)	<b>B</b>	€13.00
Stainless Trim (1230S only- standard on 1230N)	<b>S</b>	€74.05
Nylon Valve Disk	<b>N</b>	€13.40
	<b>Note: Nylon seat disks are standard for ranges over 150 psig (10 bar)</b>	
CTFE Valve Disk	<b>T</b>	€13.40

#### Type 1230 Replacement Parts

Material	Size	Part No.	List Price
Brass	1/8" 3.2 mm	449-871-210	€8.05
Brass	3/16" 4.8 mm	449-871-211	€8.05
Brass	1/4" 6.4 mm	449-871-212	€8.05
Brass	3/8" 9.5 mm	449-871-213	€8.05
Brass	1/2" 13 mm	449-871-214	€8.05
Stainless Steel	1/8" 3.2 mm	449-871-215	€18.85
Stainless Steel	3/16" 4.8 mm	449-871-216	€18.85
Stainless Steel	1/4" 6.4 mm	449-871-217	€18.85
Stainless Steel	3/8" 9.5 mm	449-871-218	€18.85
Stainless Steel	1/2" 13 mm	449-871-219	€18.85

#### Replacement Springs

Color	Range PSI(BAR)	Part No.	List Price
Red Striped	27-50 (1.9-3.4)	446-755-206K	€30.45
Olive Striped	46-95 (3.2-6.6)	446-755-207K	€30.45
Silver Striped	90-150 (6.2-10.3)	446-755-208K	€37.75
Green Striped	150-200 (10.3-13.8)	446-755-209K	€57.15
Blue Striped	200-275 (13.8-19)	446-755-210K	€57.15
Yellow Striped	275-500 (19-34.5)	446-755-211K	€57.15

## REGULATORS & RELAY REPAIR KITS

Type	Range (PSI)	Part No.	List Price
T-90	All Ranges	449-871-105	€53.30
T-100	2-40, 2-60	449-871-005	€54.55
T-100	2-120	449-871-006	€54.55
T-100HR	2-120	449-871-008	€68.05
T-100LR	0.5-25	449-871-093	€59.80
T-200	2-120	449-871-006	€54.55
T-200HR	2-120	449-871-008	€68.05
T-300	All Ranges	449-871-017	€47.10
T-300	5 micron filter; All Ranges	449-871-108	€59.30
T-300	Low Temp; All Ranges	449-871-145	€60.05
T-300NR	All Ranges	449-871-035	€47.10
T-300NR	Low Temp; All Ranges	449-871-126	€60.05
T-310	All Ranges	449-871-131	€113.15
T-310	All Ranges, Non Relieving	449-871-136	€116.05
T-330	1/4" Relieving ; All Ranges	449-871-100	€49.45
T-330	1/4" Non Relieving; All Ranges	449-871-101	€49.45
T-330	1/2" Relieving ; All Ranges	449-871-113	€55.15
T-330	1/2" Non Relieving; All Ranges	449-871-114	€55.15
T-330	5 micron filter; 1/4" Relieving	449-871-139	€61.60
T-330	5 micron filter; 1/2" Relieving	449-871-140	€67.25
T-330	Autodrain Repair Kit	448-542-044	€77.30
T-330	1/4" Non Relieving; 5 micron; All Ranges	449-871-226	€61.60
T-330	1/2" Non Relieving; 5 micron; All Ranges	449-871-227	€67.25
T-335	1/4" NACE; All Ranges	449-871-134	€150.15
T-340	1/4" Relieving; All Ranges	449-871-115	€31.65
T-340	1/4" Non Relieving; All Ranges	449-871-116	€31.65
T-340	1/2" Relieving; All Ranges	449-871-117	€37.20
T-340	1/2" Non Relieving; All Ranges	449-871-118	€37.20
T-350SS	1/4" Relieving; All Ranges	449-871-068	€128.85
T-350SS	1/4" Non Relieving; All Ranges	449-871-069	€157.00
T-350SS	1/2" Relieving; All Ranges	449-871-070	€186.35
T-350SS	1/2" Non Relieving; All Ranges	449-871-071	€214.45
T-350SS	1/4" Low Temperature; All Ranges	449-871-120	€149.15
T-350SS	Autodrain Repair Kit; All Ranges	448-542-015	€77.30
T-360SS	1/4" Relieving; All Ranges	449-871-072	€128.85
T-360SS	1/4" Non Relieving; All Ranges	449-871-073	€157.00
T-360SS	1/2" Relieving; All Ranges	449-871-094	€186.35
T-360SS	1/2" Non Relieving; All Ranges	449-871-095	€214.45
T-370SS	1/2" NPT; All Ranges	449-871-123	€96.90
T-380/390	All Ranges	449-871-133	€451.55
T-3500	All Ranges	449-871-084	€51.25
T-3600	All Ranges	449-871-142	€135.65
T-400	All Ranges	449-871-014	€28.15
T-400NR	Non Relieving; All Ranges	449-871-023	€37.80
T-600/T-650	1:1 Ratio	449-871-021	€68.25

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T-600	1:2 Ratio	449-871-097	€212.20
T-600	1:3 Ratio	449-871-045	€212.20
T-600	1:6 Ratio	449-871-022	€212.20
T-6000	6000 Repair Kit Nitrile (standard)	449-871-089	€236.40
T-6000	6000 Repair Kit EPDM	449-871-087	€341.70
T-6000	6000 Repair Kit Silicone	449-871-222	€512.45
T-6100	6100 Repair kit	449-871-138	€173.95
T-6100 LT	6100 Low Temperture	449-871-167	€207.95
T-6200	6200 Repair Kit	449-871-173	€240.20
T-6200 LT	6200 Low Temperature	449-871-208	€286.95
T-6500	Aluminum	449-871-129	€303.85
T-6500 LT	6500 Low Temperature	449-871-168	€430.95
T-6600	Stainless Steel	449-871-130	€377.75
T-6600 LT	6600 Low Temperature	449-871-169	€487.05
T-700	0-2, 0-15	449-871-009	€69.25
T-700	0-30	449-871-010	€69.25
T-700	0-60	449-871-011	€69.25
T-700	0-150	449-871-012	€69.25
T-700 NR	Non Relieving; All Ranges	449-871-082	€77.15
T-710 BP	All Ranges	449-871-020	€63.05
T-700 LB	Low Bleed; All Ranges	449-871-048	€77.15
T-7000	0-2PSI	449-871-147	€78.40
T-7000	0-10PSI	449-871-148	€78.40
T-7000	0-30PSI	449-871-149	€78.40
T-7000	0-60PSI	449-871-150	€78.40
T-7000	0-100PSI	449-871-151	€78.40
T-7000	0-150PSI	449-871-152	€78.40
T-7000	0-200PSI	449-871-153	€78.40
T-7000 LB	Low Bleed, Low Range Below 60 psig	449-871-154	€78.40
T-7000 LB	Low Bleed, High Range, Above 100 psig	449-871-155	€78.40
T-7000 NR	Non Relieving; All Ranges	449-871-143	€78.40
T-7100	All Ranges	449-871-144	€174.00
T-7150	7150 Repair Kit	449-871-174	€174.00
T-7200 BP	All Ranges	449-871-166	€151.70
T-850	All Ranges	449-871-028	€21.40
T-850NR	Non Relieving; All Ranges	449-871-029	€21.05
T-860NR	Non Relieving; All Ranges	449-871-029	€21.05
T-870NR	Non Relieving; All Ranges	449-871-125	€21.05
T-1227	Nitrile/Aluminum Trim	449-871-175	€29.20
T-1227	Nitrile/Stainless Steel Trim	449-871-176	€33.25
T-1227	Fluorocarbon/Aluminum Trim	449-871-177	€37.95
T-1227	Fluorocarbon/Stainless Trim	449-871-178	€41.35
T-1230	Neoprene Diaphragm & Brass/Nitrile Valve Disk Assembly	449-871-203	€33.30
T-1230	Neoprene Diaphragm & Brass/PTFE Valve Disk Assembly	449-871-204	€33.30
T-1230	Neoprene Diaphragm & Stainless Steel/Nitrile Valve Disk Assembly	449-871-205	€49.70
T-1230	Fluorocarbon Diaphragm & Stainless Steel /PTFE Valve Disk Assembly	449-871-206	€100.15
T-1230	Neoprene Diaphragm & Stainless Steel/Nylon Valve Disk Assembly	449-871-209	€46.65
T-1230	Neoprene Diaphragm & Brass/Nylon Valve Disk Assembly	449-871-234	€49.70
T-1230	Neoprene Diaphragm & Stainless Steel/CTFE Valve Disk Assembly	449-871-235	€122.00
T-1230	Fluorocarbon Diaphragm & Stainless Steel/Fluorocarbon Valve Disk Assembly	449-871-236	€114.40
T-1230	Fluorocarbon Diaphragm & Stainless Steel/Nylon Valve Disk Assembly	449-871-237	€57.15

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**TYPICAL WTS & MEAS OF CONTROLAIR PRODUCTS PKGD CONFIGURATIONS (09/24/2024)**

TYPE	PKGING	# PER BX	INDV WT (LBS.)	INDVBXWT (LBS.)	PKDBXWT (LBS.)	BX DIM (IN.)	BX PN
700	INDV	20	1.5	1.5	30	18X15X8	441612015
710	INDV	20	1.5	1.5	30	18X15X8	441612015
7000	INDV	6	2.5	2.85		18X12X9	441612021
7100	INDV	6	2.5	3.7		18X12X9	441612021
800	BULK	50	0.1	N/A	6	12x6x4	441612030
800	INDV	50	0.1	0.13	6.5	12x6x4	441612030
850/860/870	INDV	20	0.3	0.4	8.48	14X12X6	441612007
MITE 70H	INDV	15	1.28	1.5	23.5	18X15X8	441612015
MITE71H/L	INDV	15	1.36	1.54	24	18X15X8	441612015
MITE74H/L	INDV	15	2	2.24	33.6	18X16X8	441612015
Mite 85	INDV		1.5	2.9			
900	INDV	20	0.8	1.5	30	18X16X8	441612015
900W/DIN	INDV	8	0.9	1.4	11.5	19X10X7	441612026
950	INDV	8	1.8	2.3	20	19X10X7	441612026
950 w "E"	INDV	4		3.5	14	19X17X7	441612041
2000	INDV	6	4.3	4.5	24	18X11X9	441612021
2010	INDV	6	4.5	4.8	30	18X11X9	441612021
2020	INDV	3	6	6.15	20	18X11X9	441612021
P200	INDV	8	1.74	1.98	16.66	19X10X7	441612026
12 CBS			2				
SS GAUGE	INDV		0.25				
1/4 gauge	INDV		0.2				
1/8 gauge	INDV		0.15				
500/900 Din Rail mnt kit			0.05				
350/360 brkt kit			0.25				
9 foot mount			3				
I-950-AC-330	INDV		3.5	4			
I595-ACP 330	INDV		3.1	3.6			
MM-2			0.15				
1.7 ACTUATOR	INDV		0.7				
PALLET/SKID					30	48X40X3	
6100 brtk 449542045	1		0.25				

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# **ControlAir LLC Terms and Conditions**

## **Applicable to all purchase orders accepted by ControlAir LLC**

### **I. GENERAL**

- A. Customer purchase orders are binding only after written acceptance by ControlAir LLC. Verbal orders shall not be accepted as binding until confirmed in writing by ControlAir LLC.
- B. Prices are effective from date of publication and are subject to change without notice.
- C. ControlAir LLC reserves the right, without prior notice to:
  - 1. Change and/or revoke any price.
  - 2. Change and /or revoke any provisions contained herein.
  - 3. Discontinue shipments to any customers.
  - 4. Resolve any inconsistencies, conflicts or ambiguities.
- D. Special production runs or product orders are subject to ControlAir LLC's requirements such as, but not limited to, minimum quantities and extended delivery times. On special production run products, ControlAir LLC reserves the right to over ship or under ship the purchase order quantity by up to 5% and invoice accordingly. Special orders are subject to cancellation charges.
- E. Domestic orders under €50.00 are subject to a €10.00 service charge. International orders under €200.00 are subject to a €20.00 service charge.
- F. There will be a Shipping and Handling fee added to each order under the following conditions:
  - a. Shipments under €1,000: €6.00
  - b. Shipments between €1,000-€5,000: €8.00
  - c. Shipments above €5,000: No fee

### **II. PAYMENT TERMS**

- A. For customers with established credit terms: Net 30 days from shipment date.
- B. If credit is not established, payment plus estimated freight charges shall accompany order, or arrangements shall be made for collect on delivery (C.O.D.)
- C. ControlAir LLC reserves the right to revoke any credit extended to a customer if the customer fails to pay for any shipments when due. If in ControlAir LLC's opinion, there is a material adverse change in the customer's financial condition, ControlAir LLC shall have the right to suspend further shipments until receipt of adequate assurance for the customer's ability to pay therefore.
- D. All shipments are F.O.B. Amherst, New Hampshire.
- E. The shipment is deemed accepted in good condition by the common carrier and title and all risk for loss or damage is transferred to customer upon that acceptance by the carrier. The customer is responsible for inspection of the merchandise upon receipt. The customer shall insist that visible damage be noted on its copy of the freight bill. If the product has been lost or damaged in transit, the customer must file the claim with the carrier, as ControlAir LLC bears no responsibility for any such loss or damage.
- F. All freight, handling and insurance charges shall be invoiced to the customer or shipped freight collect.
- G. All shipments are made by carriers of ControlAir LLC's choice. Any special arrangements requested by customer shall be at customer's additional expense.
- H. Any quantity shortages, incorrect items, or billing errors shall be reported in writing to ControlAir LLC within 15 days of delivery. Sales order and invoice numbers are to be furnished on all claims.
- I. ControlAir LLC reserves the right to make delivery in installments. All such installments shall be separately invoiced and paid for when due, without regard to subsequent deliveries. Delay in delivery of any installment shall not relieve the customer of his obligation to accept remaining deliveries.
- J. ControlAir LLC shall not be liable for failure to deliver or delay in delivery occasioned by causes beyond ControlAir LLC's control, including without limitation, lockouts, fires, embargoes, war or other breakouts of hostilities, act of inability to obtain shipping space, machinery breakdowns, delays of suppliers, and domestic or foreign governmental acts or regulations. In the event of any delay in delivery due to such causes, unless otherwise agreed time of delivery shall be deemed extended for a period of 60 days. Customer shall extend the letter of credit if payment is to be made by letter of credit. If delivery is not made within such extended 60 day period, contract shall be deemed canceled without liability to either party.

### **III. CANCELLED ORDERS**

- A. ORDER CANCELLATIONS CAN ONLY BE ACCEPTED BY WRITTEN REQUEST via FAX, MAIL or EMAIL.
- B. Cancellation fees are:
  - 1. Catalog Stock Items – no cancellation fee.
  - 2. Catalog Non-Stock Items – if canceled less than 1 week before ship date, 25% cancellation fee or €50.00, whichever is greater.
  - 3. Non-Standard modified product canceled at any time – To Be Determined (35% minimum).

### **IV. RETURN MATERIAL AUTHORIZATION PROCEDURE (RMA)**

- A. All products being returned to ControlAir LLC must have a Return Material Authorization (RMA) Number assigned by ControlAir.
- B. PRIOR to issuing of an RMA number, the responsible sales/customer service person MUST ascertain the date code, purchase date, and specific reason for the unit/units to be returned. The term "unit doesn't work" is insufficient. The more detailed information that can be gathered, the more efficiently ControlAir LLC will be able to respond. Request length of operation, maximum inlet pressure, outlet pressure, and application details such as temperature, contaminants, or other information pertinent to operation.

- C. On rare occasion, at ControlAir LLC's discretion, it may be decided that it is impossible for the customer to wait until here is a determination of the cause of a failure in the field; therefore, replacements may be shipped at the price originally paid prior to receiving the returned units back. A purchase order should be issued by the customer. If it should be determined later that ControlAir LLC shipped a defective product, credit for the replacement unit will be issued immediately. If it is determined that the problem was due to application and not any effect in the product, then the customer will not be issued a credit for replacement order and the product will be returned to them.
- D. If the product covered by the RMA is not returned to ControlAir LLC within 60 days the RMA will be closed.

**V. EVALUATION/NON-WARRANTY / REPAIR CHARGES**

- A. In some cases the cost of the evaluation/repair could be greater than purchasing a new unit.
- B. Any product being returned for repair that is out of warranty is automatically subject to a €75.00 per unit evaluation charge. In the case where the customer proceeds with the repair, the €75.00 fee can be applied to the repair charge. A purchase order is required and should be obtained by the ControlAir LLC sales/customer service person issuing the RMA number.
- C. If the customer is interested in having units repaired that are over 18 months old or that are within the warranty period, but have had the warranty voided due to misuse in application, a purchase order for the cost of the repair (can be the same purchase order as the evaluation charge) must be issued. The following should be used as a guideline for repair charges:
 

<u>List Price</u>	<u>Repair Cost</u>
0 – €100.00	Not economical to repair
€101.00 – €200.00	70% of list price
€201.00 – €500.00	50% of list price
€501.00 – € Up	40% of list price
- D. ControlAir LLC customer service department will contact and advise repair charges for units that have had the warranty voided due to misuse in application. The customer will have the option of issuing a purchase order to proceed with the repair or scrapping the unit.

**VI. RETURNS FOR CREDIT**

- A. ControlAir LLC will accept unused product that is less than 2 years old that is returned for credit. When calculating credit to be issued use the following restock charge schedule:
  - Catalog Stock Items . . . . . 25% or €50.00, whichever is greater.
  - Catalog Non-Stock Items . . . . . 35% or €75.00, whichever is greater.
  - Non-Standard Modified Product . . . . . To Be Determined (35% minimum)
- B. For questions about the appropriate restock charge to use, contact ControlAir LLC
- C. In cases where the ControlAir LLC Sales Department entered the part number incorrectly, there will be no restocking charge and a replacement order will be entered at dollar value. A credit will be issued when the incorrect material is received back at the factory.
- D. The following general conditions apply to all product returned for credit:
  - Product must be in resalable condition and in original packaging
  - Product must be less than 2 years old, based on the date code of manufacture.

**VII. DISTRIBUTOR STOCK ADJUSTMENTS**

- A. Distributors may make an annual stock adjustment from their inventory.
- B. The distributor should submit a list, broken down by quantity, part number and date codes (product must be less than 2 years old).
- C. The product must be in resalable condition.
- D. The total dollar amount must not exceed 5% of previous annual net purchases.
- E. The return must go through the standard RMA procedure.
- F. Credit will be calculated based on current list prices less maximum distributor discount.
- G. Some products might be subject to a restock charge.

**VIII. LIMITED WARRANTY**

ControlAir LLC products are warranted to be free from defects in materials and workmanship for a period of 18 months from the date of sale, provided said products are used according to ControlAir LLC recommended usages. ControlAir LLC's liability is limited to repair of, refund of purchase price paid for, or replacement in kind of. At ControlAir LLC's sole option, any products proved defective, ControlAir LLC reserves the right to discontinue manufacture of any products or change products materials, design, or specifications without notice. This warranty does not apply to Goods from which serial number have been removed, or to conditions resulting from improper use, external cause, including service modifications not performed by ControlAir LLC, or operation outside the environmental parameters specified for the products. ControlAir LLC does not warrant that the operation of any product will be uninterrupted or error free. ControlAir LLC does not assume responsibility for the selection, use, and maintenance of any product. Responsibility for proper selection, use, and maintenance of any ControlAir LLC product remains solely with the purchaser and end user.

**IX. MODIFICATION OF TERMS**

- A. This contract constitutes the entire agreement between the parties, all private representations and understanding having been merged herein. It may not be modified or terminated except in writing signed by a duly authorized representative of ControlAir LLC. ControlAir LLC is not responsible for errors, omissions or any changes in this document by ControlAir LLC or caused by any translation. This contract shall be governed by and construed according to the laws of the State of New Hampshire.
- B. First edition, January, 2009. This edition supersedes all previous editions of the ControlAir LLC Price List.

