

FILTER REGULATOR LUBRICATOR





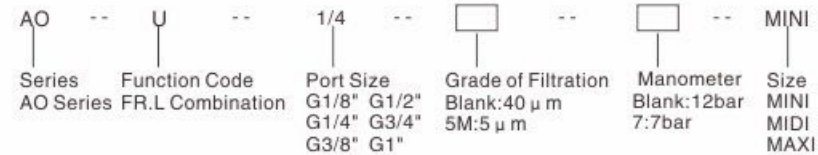
AOU Series Air Source Treatment Unit



The AOF with water separator cleans the compressed air of fluid oil, condensation and dirty particles. For special application, the standard 40 μ m filter element may easily be replaced by a 5 μ m filtered element.

The AOR maintain inputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed. The proportional lubricator adds a regulated quantity of oil to the filtered air. The oil-mist content proportional to the flow and oil can be added during operation. The oil drip rate is controlled by the adjustable bolt. Normally, 1 to 12 drops/1000L of the air is Sufficient.

How to Order?



Specifications

Service units		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40 μ m	AOU-1/8-MINI	AOU-1/4-MINI	AOU-3/8-MINI	AOU-3/8-MIDI	AOU-1/2-MIDI	AOU-3/4-MIDI	AOU-3/4-MAXI	AOU-1-MAXI
	Working pressure:7bar,40 μ m	AOU-1/8-7-MINI	AOU-1/4-D-7-MINI	AOU-3/8-7-MINI	AOU-3/8-7-MIDI	AOU-1/2-7-MIDI	AOU-3/4-7-MIDI	AOU-3/4-7-MAXI	AOU-1-7-MAXI
	Working pressure:12bar,5 μ m	AOU-1/8-5M-MINI	AOU-1/4-5M-MINI	AOU-3/8-5M-MINI	AOU-3/8-5M-MIDI	AOU-1/2-5M-MIDI	AOU-3/4-5M-MIDI	AOU-3/4-5M-MAXI	AOU-1-5M-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Compressed air							
Features of structure		Sintered filter with water sparator;MINI/MIDI/MAXI:Piston regulator;Diaphragm type regulator;Direct constant-density lubricator							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ± 5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	AOU---(-A)	700	1000	1200	2000	2600	2600	7000	8000
	AOU---7-(-A)	800	1300	1500	2500	2800	2800	8500	8700
	AOU---5M(-A)	600	850	1050	1700	1800	2100	6500	7200
Primary Pressure	Manual condensate drain	1~16bar							
	Automatic condensate drain	1.5~12bar							
Working pressure		0.5~12bar/0.5~7bar							
Min.Standard nominal flow rate		3L/min			6L/min			10L/min	
Grade of filtration		40 μ m/5 μ m							
Capacity of condensate fluid		22ml							
Temperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl and oil bowl:PC;Metal bowl guard:Aluminium alloy;Sealing:NBR;Adjusting knob:POM							

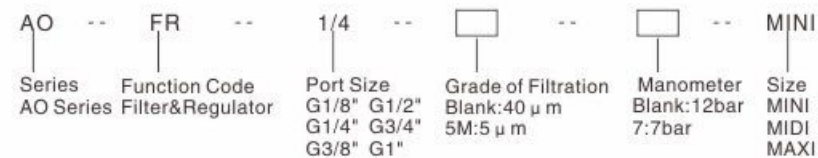
AOFR Series Filter & Regulator



Filter and pressure regulator combine a single unit, and cleans the compressed air of fluid oil, condensation and dirty particles. For special application the standard 40 μ m filter element may easily be replaced by a 5 μ m Filter element.

The AOR maintain inputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

How to Order?



Specifications

Filter Regulator		MINI			MIDI			MAXI	
Manual Drain	Working pressure:12bar,40 μ m	AOFR-18-MINI	AOFR-14-MINI	AOFR-38-MINI	AOFR-38-MIDI	AOFR-12-MIDI	AOFR-34-MIDI	AOFR-34-MAXI	AOFR-1-MAXI
	Working pressure:7bar,40 μ m	AOFR-18-7-MINI	AOFR-14-D-7-MINI	AOFR-38-7-MINI	AOFR-38-7-MIDI	AOFR-12-7-MIDI	AOFR-34-7-MIDI	AOFR-34-7-MAXI	AOFR-1-7-MAXI
	Working pressure:12bar,5 μ m	AOFR-18-5M-MINI	AOFR-14-5M-MINI	AOFR-38-5M-MINI	AOFR-38-5M-MIDI	AOFR-12-5M-MIDI	AOFR-34-5M-MIDI	AOFR-34-5M-MAXI	AOFR-1-5M-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Compressed air							
Features of structure		Sintered filter with water separator;MINI/MIDI:Diaphragm type-regulator;MAXI:Piston regulator;							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ± 5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	AOU-...	750	1400	1600	3100	3400	3400	9000	10000
	AOU-...-7-	900	1500	1700	3400	3900	3900	9500	16000
	AOU-...-5M	650	1200	1350	2400	2500	2500	7300	7600
Primary Pressure	Manual drain	1~16bar							
Working pressure		0.5~12bar/0.5~7bar							
Grade of filtration		40 μ m/5 μ m							
Max.condensate Capacity		22ml							
Temperature range		0~60℃							
Materials information		Housing:Zinc die-casting;Filter bowl and oil bowl:PC;Metal bowl guard:Aluminium alloy;Sealing:NBR;Adjusting knob:POM							

AOF Series Air Filter



The OF with water separator cleans the compressed air of fluid oil, condensation and dirty particles, for special application, the standard 40 μ m filter element may easily be replaced by a 5 μ m filter element.

How to Order?



Specifications

Filter		MINI			MIDI			MAXI	
40 μm	Manual Drain	AOF-1/8-MINI	AOF-1/4-MINI	AOF-3/8-MINI	AOF-3/8-MIDI	AOF-1/2-MIDI	AOF-3/4-MIDI	AOF-3/4-MAXI	AOF-1-MAXI
5 μm		AOF-1/8-5M-MINI	AOF-1/4-5M-MINI	AOF-3/8-5M-MINI	AOF-3/8-5M-MIDI	AOF-1/2-5M-MIDI	AOF-3/4-5M-MIDI	AOF-3/4-5M-MAXI	AOF-1-5M-MAXI
Medium		Compressed air							
Features of structure		Sintered filter with water separator							
Mounting type		Pipe mounting or foot mounting							
Assembly position		Vertical ±5°							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	OF-...	1000	1200	1400	2700	3000	3000	5000	5300
	OF-...-5M	600	950	1100	1800	1900	1900	3200	3300
Primary Pressure	Manual drain	1-16bar							
Grade of filtration		40 μm/5 μm							
Max condensate capacity		22ml							
Temperature range		0-60°C							
Materials information		Housing: Zinc die-casting; Filter bowl: PC; Metal bowl guard: Aluminium alloy; Sealing: NBR							

AOL Series Lubricator



The direct constant-density lubricator add regulated quantity oil to the compressed air. A valve maintains oil mist content proportional to the compressed oil flow.

The pressure drop that occurs when the air flow through a sight feed oil cup delivers oil from the bowl to the sight oil indicator. The drop of the oil flows into the air channel when it is atomized.

The oil drip rate is controlled by means of the regulating screw. Normally, 1 to 12 drops/1000L of the air is sufficient.

How to Order?

AO	--	L	--	1/4	--	MINI
Series		Function Code		Port Size		Size
AO Series		Lubricator		G1/8" G1/2"		MINI
				G1/4" G3/4"		MIDI
				G3/8" G1"		MAXI

Specifications

Lubricator	MINI			MIDI			MAXI	
Manual Drain	AOL-1/8-MINI	AOL-1/4-MINI	AOL-3/8-MINI	AOL-3/8-MIDI	AOL-1/2-MIDI	AOL-3/4-MIDI	AOL-3/4-MAXI	AOL-1-MAXI
Medium	Compressed air							
Features of structure	Sintered filter with water separator The direct Constant-density Lubricator							
Mounting type	Pipe mounting or foot mounting							
Assembly position	Vertical ± 5°							
Connection	G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	1300	2300	2700	5500	6100	6300	8400	9000
Max. Working pressure	16bar							
Min. Standard nominal flow rate	3L/min			6L/min			10L/min	
Max. condensate capacity	22ml							
Temperature range	0~60℃							
Materials information	Housing: Zinc die-casting; Oil bowl: PC; Meta bowl guard: Aluminium alloy; Sealing: NBR							
Recommended oil	ISO VG 32 or the same grade							

AOR Series Regulator



The AOR maintain inputting constant operating pressure despite fluctuation in line pressure and the amount of air consumed.

How to Order?

AO	--	R	--	1/4	--		--	MINI
Series		Function Code		Port Size		Manometer		Size
AO Series		Regulator		G1/8" G1/2"		Blank: 12bar		MINI
				G1/4" G3/4"		7: 7bar		MIDI
				G3/8" G1"				MAXI

Specifications

Regulators		MINI			MIDI			MAXI	
Working pressure 12bar		AOR-1/8-MINI	AOR-1/4-MINI	AOR-3/8-MINI	AOR-3/8-MIDI	AOR-1/2-MIDI	AOR-3/4-MIDI	AOR-3/4-MAXI	AOR-1-MAXI
Working pressure 7bar		AOR-1/8-7-MINI	AOR-1/4-7-MINI	AOR-3/8-7-MINI	AOR-3/8-7-MIDI	AOR-1/2-7-MIDI	AOR-3/4-7-MIDI	AOR-3/4-7-MAXI	AOR-1-7-MAXI
Manometer	0~12bar	OMA-40-16-1/8			OMA-50-16-1/4				
	0~7bar	OMA-40-10-1/8			OMA-50-10-1/4				
Medium		Filtered compressed air(Lubricated or unlubricated)							
Features of structure		MINI/MIDI:Diaphragm type regulator;MAXI:Piston regulator;							
Mounting type		Pipe/foot/Plate mounting							
Assembly position		Any							
Connection		G1/8"	G1/4"	G3/8"	G3/8"	G1/2"	G3/4"	G3/4"	G1"
Standard nominal flow rate	AOR-...	800	1500	1700	3200	3500	3500	11000	11500
	AOR-...-7-	1000	1600	1800	3300	4000	4500	12000	12500
Primary Pressure		1~16bar							
Working pressure		0.5~12bar/0.5~7bar							
Temperature range		0~60℃							



A Series

How to order?

A	--	C	--	30	--	00	--	03	--	
A Series		C: Filter+Regulator+Lubricator		10: 1000 Body Size		00: Three Units (F+R+L)		Port Size		Blank Manual Drain Type
		W: F+R		20: 2000 Body Size		10: Two Units (F.R+L)		M5: M5		D: Auto Drain Type
		F: Filter		30: 3000 Body Size				01: 1/8"		Available Only For
		L: Lubricator		40: 4000 Body Size				02: 1/4"		2000 or Above
		R: Regulator		50: 5000 Body Size				03: 3/8"		
								04: 1/2"		
								06: 3/4"		
								10: 1"		

Order example:

- *A series, F+R+L, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: AC3000-03
- *A series, F.R+L, 3000 Body Size, Port Size: 3/8", Auto Drain Type, Model: AC3000-03D
- *A series, F+R, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: AW3000-03
- *A series, Lubricator, 3000 Body Size, Port Size: 3/8", Model: AL3000-03
- *A series, Regulator, 3000 Body Size, Port Size: 3/8", Model: AR3000-03



Model:
AC1000-M5 AC2000-01
AC2000-02



Model:
AC2500-02 AC2500-03
AC3000-02 AC3000-03
AC4000-03 AC4000-04
AC4000-06



Model:
AC5000-06
AC5000-10



Model:
AC1010-M5 AC2010-01
AC2010-02



Model:
AC3010-02 AC3010-03
AC4010-03 AC4010-04
AC4010-06



Model:
AC5010-06
AC5010-10



Model:
AW1000-M5 AW2000-01
AW2000-02



Model:
AW3000-02 AW3000-03
AW4000-03 AW4000-04
AW4000-06



Model:
AW5000-06
AW5000-10



Model:
AL1000-M5
AL2000-01
AL2000-02



Model:
AL2500-02
AL2500-03
AL3000-02
AL3000-03
AL4000-03
AL4000-04
AL4000-06



Model:
AL5000-06
AL5000-10



Model:
AF1000-M5
AF2000-01
AF2000-02



Model:
AF3000-02
AF3000-03
AF4000-03
AF4000-04
AF4000-06
AF5000-06
AF5000-10



Model:
AR1000-M5 AR2000-01
AR2000-02 AR2500-02
AR2500-03 AR3000-02
AR3000-03 AR4000-03
AR4000-04 AR4000-06
AR5000-06 AR5000-10



Model:
AF3000-02D
AF3000-03D
AF4000-03D
AF4000-04D
AF5000-06D



HNA Series

How to order?

HNA	--	C	--	30	--	00	--	03	--	
HNA Series		C: Filter+Regulator+Lubricator W: F+R F: Filter L: Lubricator		20: 2000 Body Size 30: 3000 Body Size 40: 4000 Body Size 50: 5000 Body Size		00: Three Units (F+R+L) 10: Two Units (F+R+L)		Port Size 01: 1/8" 02: 1/4" 03: 3/8" 04: 1/2" 06: 3/4" 10: 1"		Blank Manual Drain Type D: Auto Drain Type Available Only For 3000 or Above

Order example:

*HNA series, F+R+L, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: HNAC3000-03

*HNA series, F+R+L, 3000 Body Size, Port Size: 3/8", Auto Drain Type, Model: HNAC3010-03D

*HNA series, F+R, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: HNAW3000-03

*HNA series, Filter, 3000 Body Size, Port Size: 3/8", Auto Drain Type, Model: HNAF3000-03D

*HNA series, Lubricator, 3000 Body Size, Port Size: 3/8", Manual Drain Type, Model: HNAL3000-03



Model:
HNAC1000-01
HNAC2000-02



Model:
HNAC3000-02
HNAC3000-03
HNAC4000-04
HNAC4000-06



Model:
HNAC5000-06
HNAC5000-10



Model:
HNAC1010-01
HNAC2010-02



Model:
HNAC3010-02
HNAC3010-03
HNAC 4010-04
HNAC 4010-06



Model:
HNAC5010-06
HNAC5010-10



Model:
HNAL2000-01
HNAL2000-02



Model:
HNAL3000-02
HNAL3000-03
HNAL4000-04
HNAL4000-06



Model:
HNAW2000-01
HNAW2000-02



Model:
HNAW3000-02
HNAW3000-03
HNAW4000-04
HNAW4000-06



Model:
HNAL5000-06
HNAL5000-10



Model:
HNAR2000-01
HNAR2000-02
HNAR3000-02
HNAR3000-03
HNAR4000-03
HNAR4000-04
HNAR4000-06
HNAR5000-06
HNAR5000-10



Model:
HNAW5000-06
HNAW5000-10



Model:
HNAF2000-01
HNAF2000-02

Die-Casting



We can open mould for you,
do die-casting ourself.



Model:
HNAF3000-02
HNAF3000-03
HNAF4000-04
HNAF4000-06

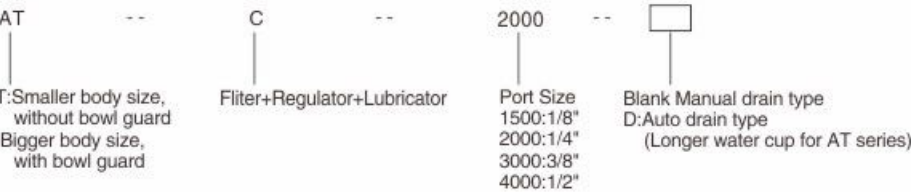


Model:
HNAF5000-06
HNAF5000-10



AT/B Series

How to order?



Order example:
*AT series, Filter+regulator+lubricator, Port size: 1/4", model: AEC2000



Model:
ATC2000



Model:
BC2000
BC3000
BC4000



Model:
ATFC2000



Model:
BTFC2000
BTFC3000
BTFC4000



Model:
ATFR1500
ATFR2000



Model:
BFR2000
BFR3000
BFR4000



Model:
ATF2000



Model:
BF2000
BF3000
BF4000



Model:
ATL2000



Model:
BL2000
BL3000
BL4000



Model:
ATR1500
ATR2000
BR2000
BR3000
BR4000

SI804 Series Air Source Treatment Unit



Model:
SL804-02
SL804-03
SL804-04



Model:
SFR804-02
SFR804-03
SFR804-04



Model:
SFRL804-02
SFRL804-03
SFRL804-04



AN Series Air Source Treatment Unit



Model:
ANFC2000-02



Model:
ANW2000-02



Model:
ANF2000-02



Model:
ANR2000-02



Model:
ANL2000-02



Auto Drain
HAD402 1/2"



Model:
QSLH-15, 1/2

High Pressure
5-35Bar



Model:
QTY-15, 1/2

High Pressure
5-35Bar

F.R.L. Accessories

T-type Spacer



Model	Applicable Model
Y21-01/Y21-02	AC2000
Y31-01/Y31-02	AC3000
Y41-02/Y41-03	AC4000
Y61-03/Y61-04	AC5000

Spacer with L-type Bracket



Model	Applicable Model
Y10L	AC1000
Y20L	AC2000
Y30L	AC2500/3000
Y40L	AC4000
Y50L	AC4000-06
Y60L	AC5000

L-type Bracket



Model	Applicable Model
B110L	AC1000
B210L	AC2000
B310L	AC2500/3000
B410L	AC4000
B510L	AC4000-06
B610L	AC5000

Spacer with T-type Bracket



Model	Applicable Model
Y10T	AC1010
Y20T	AC2010
Y30T	AC3010
Y40T	AC4010
Y50T	AC4010-06
Y60T	AC5010

T-type Bracket



Model	Applicable Model
B110T	AC1010
B210T	AC2010
B310T	AC2510/3010
B410T	AC4010
B510T	AC4010-06
B610T	AC5010

20-type Bracket



Model	Applicable Model
B120	AR1000 AW1000
B220	AR2000/2500 AW2000/2500
B320	AR3000 AW3000
B420	AR4000/5000 AW4000/5000

40-type Bracket



Model	Applicable Model
B240	AF2000 AL2000
B340	AF3000 AL3000
B440	AF4000 AL4000
B540	AF4000-06 AL4000-06
B640	AF5000 AL5000

Auto Drain Element



ZDFS-06
ZDFS-08