

Compressed Air Lubricators

Description	Operating pressure max. bar	Connection thread	Device	Page
made of plastic	16	G $\frac{1}{4}$ - G1	L042 ... L095	18.02
„Maxi“-Series, robust, block design	17	G $\frac{1}{4}$ - G1	L20	18.03
„Standard“-Series, robust	21	G $\frac{1}{4}$ - G2	L606	18.04
Series „D“, made of aluminium/zinc die-cast	30	G $\frac{1}{8}$ - G2	LD	18.06



18

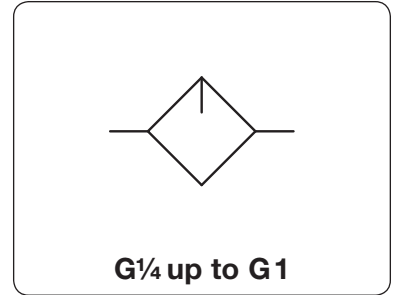
Compressed Air Lubricators

Lubricator



18

Description	Standard type mist lubricator which lubricates in proportion to flow rate. The modular lubricator can be interlocked with other instruments of the same series. Wall mounting through two drilled holes in the body, except for L095.	
Bowl	plastic version with bowl guard	
Operating pressure	max. 12,5 bar, max. 16 bar for Series 042	max. 7 bar for lubricator with oil level indicator
Oil refilling	with semiautomatic oil refilling the oil is drawn into the bowl by a vacuum at the push of a button without need to interrupt operation.	
Oil level indicator	if the oil level falls below the limit value, a float will close a signal contact. Contact: NO Voltage: max. 115 V	
Temperature range	0 °C to 50 °C / 32 °F to 122 °F	
Material	Body: nylon, POM at Series 042 Bowl: polyamide	Elastomer: NBR/Buna-N Inner valve: brass



Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	Design	rate	pressure	thread	number
mm	mm	mm	made of / with	m ³ /h*1	l/min*1	max. bar	G

Lubricator, made of plastic			operating pressure max. 12.5 / 16 bar				L0		
42	157	105	plastic	0.04	120	2000	16.0	G $\frac{1}{4}$	L042-02
52	185	127	bowl guard	0.07	120	2000	12.5	G $\frac{3}{8}$	L050-03
52	185	127		0.07	126	2100	12.5	G $\frac{1}{2}$	L052-04
63	227	159		0.14	210	3500	12.5	G $\frac{1}{2}$	L075-04
137	227	159		0.14	216	3600	12.5	G $\frac{3}{4}$	L080-06
95	300	220		0.44	900	15000	12.5	G1	L095-08



L042 L050
semiautomatic oil refilling

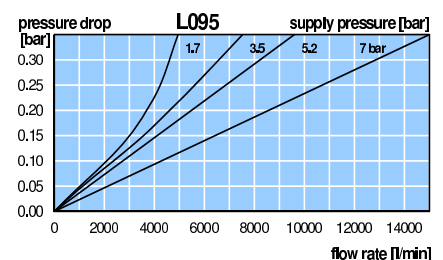
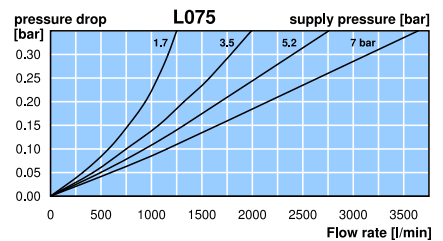
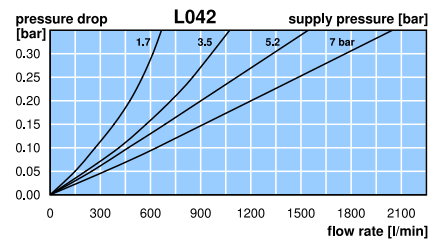
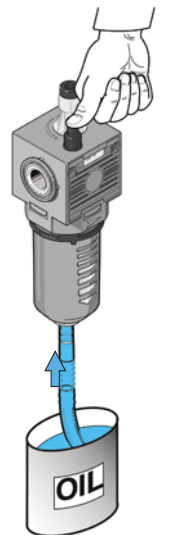
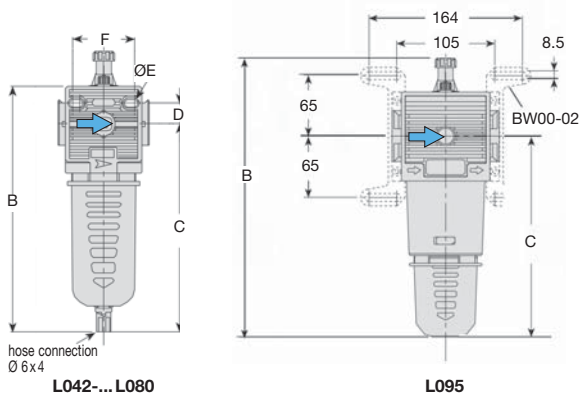
Special options, add the appropriate letter				
semiautomatic oil refilling	P _{min.} 3 bar		for L042 to L080	L0...0.X65
oil level indicator	P _{max.} 7 bar	115 V/NO	for L050 to L095	L0...0.X66



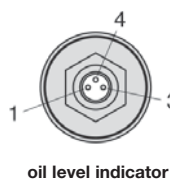
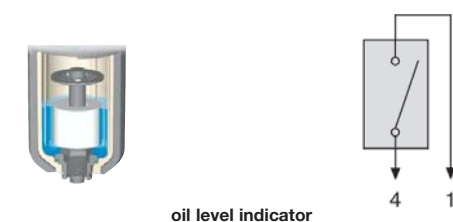
L080 L095

Accessories

set of brackets	made of steel	for L095	BW00-02
-----------------	---------------	----------	----------------



Series	D	Ø E	F	K	L
L042	10.5	4.5	31	-	42
L050/52	16	5.5	41	63	52
L075	17.5	5.5	45	75	63
L080	17.5	5.5	45	-	63
L095	-	-	-	115	95



*1 at 10 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units

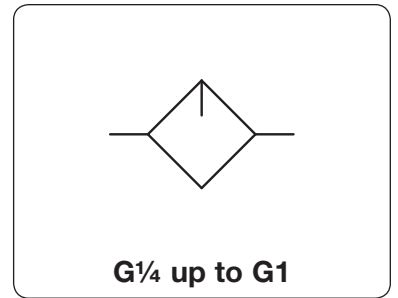
PDF CAD
www.aircom.net

Order example:
L042-02

"Maxi" Compressed Air Lubricator

L20

Description	Standard type mist lubricator of modular design with exchangeable insert kits. Can be interlocked with a filter or regulator without need for double nipples. A bypass valve and venturi nozzle guarantee low pressure drop and uniform lubrication of the compressed air. All "maxi" instruments are easy to take out of fixed piping by simply removing the two fastening bolts on the insert kits.		
Bowl	metal bowl with sight glass		
Operating pressure	max. 17 bar		
Oil refilling	oil refilling under pressure possible		
Oil level indicator	red ball inside the sight glass indicates oil level		
Temperature range	0 °C to 70 °C / 32 °F to 158 °F		
Material	Body: Bowl:	zinc die-cast zinc die-cast	Sight glass: Elastomer: polyurethane NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	Design	rate	pressure	thread	number
mm	mm	mm	made of/with	m ³ /h*1	l/min*1	max. bar	G

"Maxi" lubricator				operating pressure max. 17 bar			L20		
89	229	170	metal/sight glass	0.3	108	1800	17	G ¹ / ₄	L20-02W
					186	3100		G ³ / ₈	L20-03W
					336	5600		G ¹ / ₂	L20-04W
111	229	170	metal/sight glass	0.3	420	7000	17	G ³ / ₄	L20-06W
					438	7300		G1	L20-08W



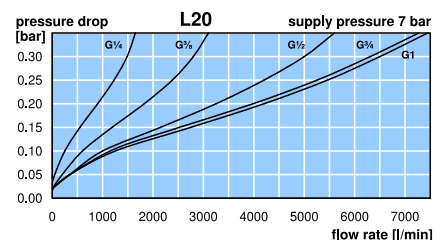
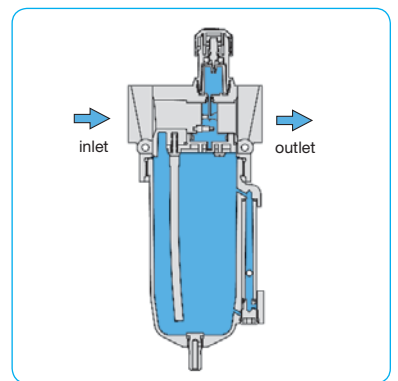
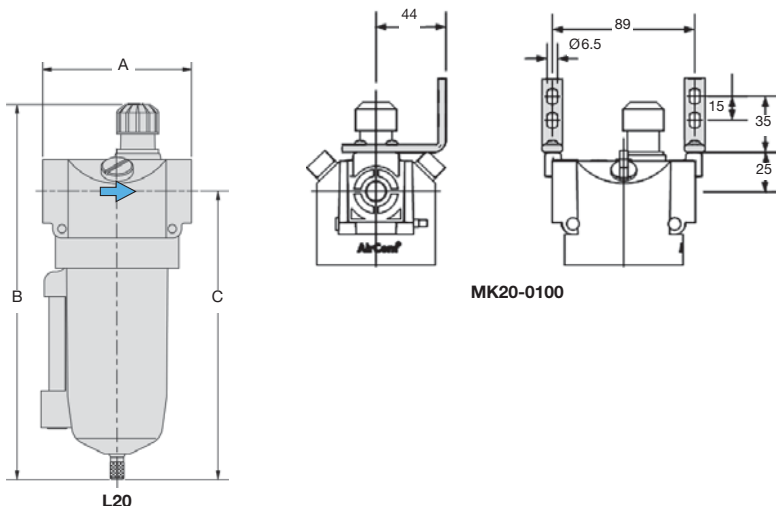
L20

Special options, add the appropriate letter

NPT	connection thread	L20-0.WN
-----	-------------------	----------

Accessories

set of brackets	made of steel	MK20-0100
-----------------	---------------	-----------



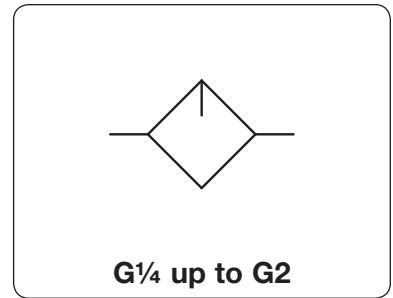
*1 at 7 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units
Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
L20-02W

Description	Compressed air lubricator of solid design and small size. Proven in operation and suitable for many applications. Available in all standard sizes and in many versions.
Bowl	plastic version with bowl guard metal version with or without sight glass
Operating pressure	max. 11 bar for plastic bowl max. 17 bar for metal bowl with sight glass max. 21 bar for metal bowl without sight glass
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass, from G ³ / ₄ on 0 °C to 80 °C / 32 °F to 176 °F for metal bowl with/without sight glass for appropriately conditioned compressed air down to -30 °C / -22 °F
Material	Body: zinc die-cast Bowl: polyurethane, zinc die-cast or steel Elastomer: NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	design	rate	pressure	thread	number
mm	mm	mm	made of/ with	l m ³ /h*1	l/min*1	max. bar	G

Standard lubricator									L606
71	202	145	plastic/bowl guard	0.08	66	1100	11	G ¹ / ₄	L606-02B
71	202	145	metal/sight glass	0.08			17		L606-02W
71	202	145	plastic/bowl guard	0.08	108	1800	11	G ³ / ₈	L606-03B
71	202	145	metal/sight glass	0.08			17		L606-03W
71	202	145	plastic/bowl guard	0.08	151	2500	11	G ¹ / ₂	L606-04B
71	202	145	metal/sight glass	0.08			17		L606-04W
103	251	184	metal/sight glass	0.50	492	8200	17	G ³ / ₄	L606-06W
103	340	273	steel	1.00			21		L606-06E
103	340	273	steel/sight glass	1.00			17		L606-06F
103	306	239	steel/sight glass	2.00			17		L606-06G
103	251	184	metal/sight glass	0.50	540	9000	17	G1	L606-08W
103	340	273	steel	1.00			21		L606-08E
103	340	273	steel/sight glass	1.00			17		L606-08F
103	306	239	steel/sight glass	2.00			17		L606-08G



L606-02B

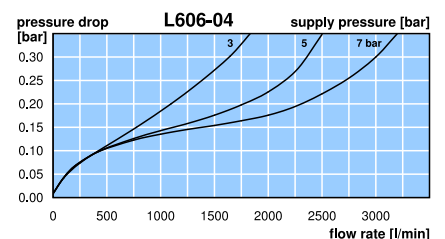
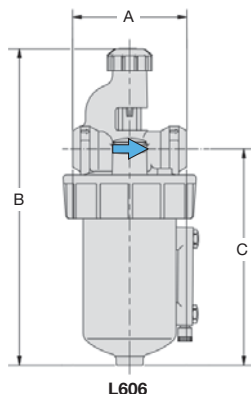


L606-08E
1 l-bowl

L606-08G
2 l-bowl

Special options, add the appropriate letter

NPT	connection thread	L606-... N
flange connection	see chapter for stainless steel devices / flanges	L606-... F.



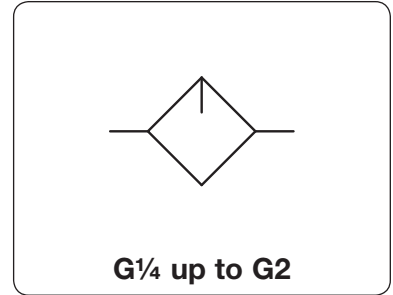
*1 at 7 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units
Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
L606-02B

Description	Compressed air lubricator of solid design and small size. Proven in operation and suitable for many applications. Available in all standard sizes and in many versions.
Bowl	plastic version with bowl guard metal version with or without sight glass
Operating pressure	max. 11 bar for plastic bowl max. 17 bar for metal bowl with sight glass max. 21 bar for metal bowl without sight glass
Temperature range	0 °C to 50 °C / 32 °F to 122 °F for plastic bowl 0 °C to 70 °C / 32 °F to 158 °F for metal bowl with sight glass, from G $\frac{3}{4}$ on 0 °C to 80 °C / 32 °F to 176 °F for metal bowl with/without sight glass for appropriately conditioned compressed air down to -30 °C / -22 °F
Material	Body: zinc die-cast Bowl: polyurethane, zinc die-cast or steel Elastomer: NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	design	rate	pressure	thread	number
mm	mm	mm	made of/with	l m 3 /h*1	l/min*1	max. bar	G

Standard lubricator								L606	
122	266	194	metal/sight glass	0.50	1020	17000	17	G1 $\frac{1}{2}$	L606-12W
122	355	283	steel	1.00			21		L606-12E
122	355	283	steel/sight glass	1.00			17		L606-12F
122	300	228	steel/sight glass	2.00			17		L606-12G
133	385	265	steel/sight glass	1.00	1680	28000	17	G2	L606-16F
134	490	370	steel/sight glass	3.00			17		L606-16K3L



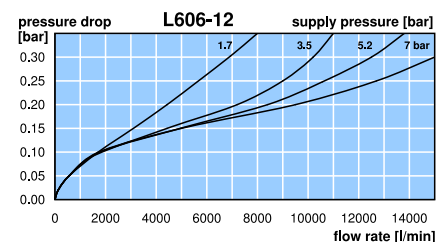
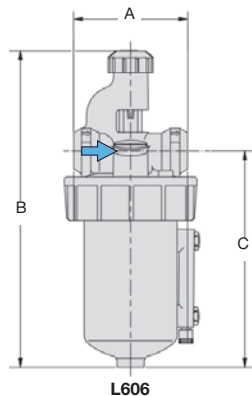
flange connection



L606-..G, 2l-bowl

Special options, add the appropriate letter

NPT	connection thread	L606-... N
flange connection	see chapter for stainless steel devices / flanges	L606-... F.



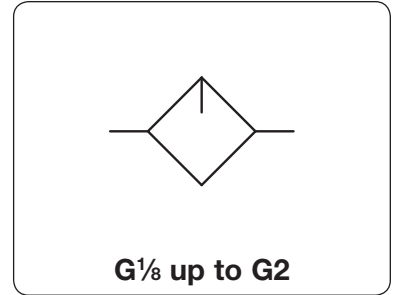
* at 7 bar operating pressure and 0.33 bar pressure drop

Extensions: see chapter for FRL service units
Spare parts: see separate spare parts list

PDF CAD
www.aircom.net

Order example:
L606-12W

Description	Good value zinc die-cast compressed air lubricator of solid design lubricating in proportion to flow rate. Wall mounting through two drilled holes in the body. Suitable for compressed air or non-corrosive gases.
Bowl	metal version with or without sight glass
Operating pressure	max. 16 bar for metal bowl with sight glass max. 30 bar for metal bowl without sight glass
Temperature range	-10 °C to 50 °C / 14 °F to 122 °F for G $\frac{1}{8}$ to G $\frac{1}{2}$ -20 °C to 60 °C / -4 °F to 140 °F for metal bowl with sight glass, for G1 to G2 -30 °C to 80 °C / -22 °F to 176 °F for metal bowl without sight glass, for all sizes
Material	Body: zinc die-cast at G $\frac{1}{8}$ and G $\frac{1}{4}$, aluminium at G $\frac{3}{8}$ to G2 Bowl: polyurethane or zinc die-cast Elastomer: NBR/Buna-N



Dimensions			Bowl	Flow	Operating	Connection	Order
A	B	C	Design	rate	pressure	thread	number
mm	mm	mm	made of/with	m 3 /h*1	l/min*1	max. bar	G

Lubricator Series "D" LD

40	161	115	metal/sight glass metal	0.05 0.05	36	600	16 30	G $\frac{1}{8}$	LD-01M LD-01N
40	161	115	metal/sight glass metal	0.05 0.05	40	660	16 30	G $\frac{1}{4}$	LD-02M LD-02N
64	215	137	metal/sight glass metal	0.18	144	2400	16 30	G $\frac{3}{8}$	LD-03M LD-03N
64	215	137	metal/sight glass metal	0.18	156	2600	16 30	G $\frac{1}{2}$	LD-04M LD-04N
130	248	176	metal/sight glass metal	0.50	420	7000	16 30	G $\frac{3}{4}$	LD-06M LD-06N
130	248	176	metal/sight glass metal	0.50	480	8000	16 30	G1	LD-08M LD-08N
241	248	176	metal/sight glass metal	0.50	540	9000	16 30	G1 $\frac{1}{4}$	LD-10M LD-10N
241	248	176	metal/sight glass metal	0.50	600	10000	16 30	G1 $\frac{1}{2}$	LD-1AM LD-1AN
215	316	223	metal/sight glass metal	1.20	1620	27000	16 30	G1 $\frac{1}{2}$	LD-12M LD-12N
215	316	223	metal/sight glass metal	1.20	1680	28000	16 30	G2	LD-16M LD-16N



Special options, add the appropriate letter

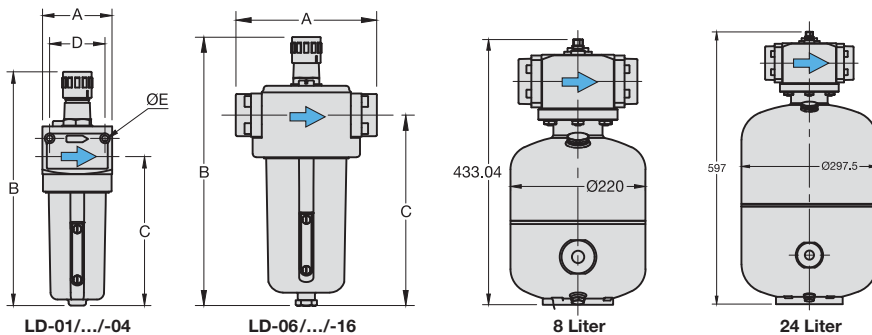
8 litre bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (12) and G2	LD- 1.M08
24 litre bowl	made of stainless steel, max. 30 bar	for G1 $\frac{1}{2}$ (12) and G2	LD- 1.M24

Type	D	Ø E
LD-01/02	30	4.5
LD-03/04	51	5.5

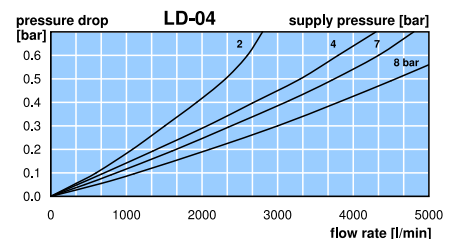
Lubricator



18



*1 at 7 bar operating pressure and 0.33 bar pressure drop



Extensions: see chapter for FRL service units

PDF CAD
www.aircom.net



Order example:
LD-01M