

# Технические характеристики

## По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
Волгоград (844)278-03-48	Курск (4712)77-13-04	Ростов-на-Дону (863)308-18-15	Тюмень (3452)66-21-18
Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

## 01 Air Regulators



Pressure Adjustment Range:  
7 - 145 PSI (0.5 - 10 BAR)

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & PANEL	ISO 6953-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
R13604	R13904	Miniature	1/8"	11	315
R13614	R13914	Miniature	1/4"	21	600
R14614	R14914	Intermediate	1/4"	56	1600
R14624	R14924	Intermediate	3/8"	88	2500
R15634	R15934	Standard	1/2"	140	4000
R17644	R17944	Heavy Duty *	3/4"	175	5000
R17654	R17954	Heavy Duty *	1"	210	6000

\* Pressure Gauge Port is 1/4" - on all others, it is 1/8"

## 02 Precision Air Regulators



Pressure Adjustment Range:  
1.45 - 116 PSI (0.1 - 8 BAR)

- Sensitive to within 0.2% of full span
- Repeatability  $\pm$  0.50% of full span
- Ideal for use in pressure critical applications such as air gauging, pressure clamping control, CMM, medical equipment, robotic spraying, HVAC instrumentation, MRO etc.

**NEW!**

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	-5°C (23°F) TO 60°C (140°F)	MODULAR & PANEL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)		PRESSURE GAUGE PORT
				CFM	LPM	
PR13613	PR13913	Miniature	1/4"	42	1200	1/8"
PR15633	PR15933	Standard	1/2"	265	7500	1/8" & 1/4"

## 03 Air Filters with Semi Automatic Drain



40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 5782-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
F13603-S	F13903-S	Miniature	1/8"	11	310
F13613-S	F13913-S	Miniature	1/4"	28	800
F14613-S	F14913-S	Intermediate	1/4"	49	1400
F14623-S	F14923-S	Intermediate	3/8"	80	2250
F15633-S	F15933-S	Standard	1/2"	125	3500
F17643-S	F17943-S	Heavy Duty	3/4"	175	5000
F17653-S	F17953-S	Heavy Duty	1"	230	6500

## 04 Air Filters with Internal Auto Drain

**NEW!**




FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 5782-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
F14613-A	F14913-A	Intermediate	1/4"	49	1400
F14623-A	F14923-A	Intermediate	3/8"	80	2250
F15633-A	F15933-A	Standard	1/2"	125	3500
F17643-A	F17943-A	Heavy Duty	3/4"	175	5000
F17653-A	F17953-A	Heavy Duty	1"	230	6500

## 05 Air Filters - Metal Bowl with Semi Automatic Drain




FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	290 PSI (20 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	ISO 5782-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
F13613-MS	F13913-MS	Miniature	1/4"	28	800
F14613-MS	F14913-MS	Intermediate	1/4"	49	1400
F14623-MS	F14923-MS	Intermediate	3/8"	80	2250
F15633-MS	F15933-MS	Standard	1/2"	125	3500
F17643-MS	F17943-MS	Heavy Duty	3/4"	175	5000
F17653-MS	F17953-MS	Heavy Duty	1"	230	6500

## 06 Air Filters - Metal Bowl with Internal Auto Drain

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	290 PSI (20 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	ISO 5782-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
F14613-MA	F14913-MA	Intermediate	1/4"	49	1400
F14623-MA	F14923-MA	Intermediate	3/8"	80	2250
F15633-MA	F15933-MA	Standard	1/2"	125	3500
F17643-MA	F17943-MA	Heavy Duty	3/4"	175	5000
F17653-MA	F17953-MA	Heavy Duty	1"	230	6500

**07**
**Coalescing Filters / Mist Separators (0.10 Microns)**


FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	5°C (41°F) TO 50°C (122°F)	MODULAR & VERTICAL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FS13603-S	FS13903-S	Miniature	1/8"	11	300
FS13613-S	FS13913-S	Miniature	1/4"	25	700
FS14613-S	FS14913-S	Intermediate	1/4"	43	1200
FS14623-S	FS14923-S	Intermediate	3/8"	57	1600
FS15633-S	FS15933-S	Standard	1/2"	124	3500

**08**
**Coalescing Filters / Mist Separators (0.01 Microns)**


FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	5°C (41°F) TO 50°C (122°F)	MODULAR & VERTICAL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FS13602-S	FS13902-S	Miniature	1/8"	7	200
FS13612-S	FS13912-S	Miniature	1/4"	11	300
FS14612-S	FS14912-S	Intermediate	1/4"	28	800
FS14622-S	FS14922-S	Intermediate	3/8"	32	900
FS15632-S	FS15932-S	Standard	1/2"	48	1350
• FS17642-S	FS17942-S	Heavy Duty	3/4"	71	2000
• FS17652-S	FS17952-S	Heavy Duty	1"	78	2200

• Max. Pressure limited to 8 BAR (116 PSI)

**09**
**Air Lubricators**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 6301-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
L1360	L1390	Miniature	1/8"	16	450
L1361	L1391	Miniature	1/4"	48	1350
L1461	L1491	Intermediate	1/4"	58	1650
L1462	L1492	Intermediate	3/8"	106	3000
L1563	L1593	Standard	1/2"	200	5650
L1764	L1794	Heavy Duty	3/4"	255	7200
L1765	L1795	Heavy Duty	1"	318	9000

# 10

## Air Lubricators - Metal Bowl



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	290 PSI (20 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	ISO 6301-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
L1361-M	L1391-M	Miniature	1/4"	48	1350
L1461-M	L1491-M	Intermediate	1/4"	58	1650
L1462-M	L1492-M	Intermediate	3/8"	106	3000
L1563-M	L1593-M	Standard	1/2"	200	5650
L1764-M	L1794-M	Heavy Duty	3/4"	255	7200
L1765-M	L1795-M	Heavy Duty	1"	318	9000

# 11

## Filter - Regulator Combination with Semi Automatic Drain



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & PANEL	ISO 6953-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRC136034-S	FRC139034-S	Miniature	1/8"	14	400
FRC136134-S	FRC139134-S	Miniature	1/4"	20	550
FRC146134-S	FRC149134-S	Intermediate	1/4"	63	1800
FRC146234-S	FRC149234-S	Intermediate	3/8"	77	2200
FRC156334-S	FRC159334-S	Standard	1/2"	106	3000
FRC176434-S*	FRC179434-S*	Heavy Duty	3/4"	149	4250
FRC176534-S*	FRC179534-S*	Heavy Duty	1"	193	5500

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 12

## Filter - Regulator Combination with Internal Auto Drain

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & PANEL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRC146134-A	FRC149134-A	Intermediate	1/4"	63	1800
FRC146234-A	FRC149234-A	Intermediate	3/8"	77	2200
FRC156334-A	FRC159334-A	Standard	1/2"	106	3000
FRC176434-A*	FRC179434-A*	Heavy Duty	3/4"	149	4250
FRC176534-A*	FRC179534-A*	Heavy Duty	1"	193	5500

\* Pressure gauge port is 1/4" - on all others it is 1/8"


# 13

## Filter - Regulator Combination - Metal Bowl with Semi Automatic Drain



Pressure Adjustment Range: 7-145 PSI (0.5-10 BAR)

40 Micron Sintered Bronze Filter Element

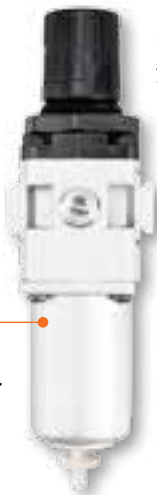
FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	PANEL	ISO 6953-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRC136134-MS	FRC139134-MS	Miniature	1/4"	20	550
FRC146134-MS	FRC149134-MS	Intermediate	1/4"	63	1800
FRC146234-MS	FRC149234-MS	Intermediate	3/8"	77	2200
FRC156334-MS	FRC159334-MS	Standard	1/2"	106	3000
FRC176434-MS*	FRC179434-MS*	Heavy Duty	3/4"	210	6000
FRC176534-MS*	FRC179534-MS*	Heavy Duty	1"	228	6500

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 14


## Filter - Regulator Combination - Metal Bowl with Internal Auto Drain



Pressure Adjustment Range: 7-145 PSI (0.5-10 BAR)

40 Micron Sintered Bronze Filter Element

**NEW!**

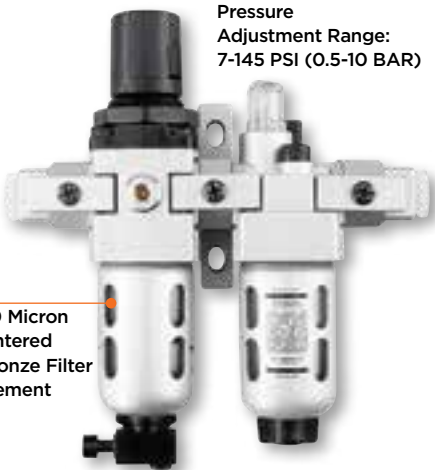
FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	PANEL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRC146134-MA	FRC149134-MA	Intermediate	1/4"	63	1800
FRC146234-MA	FRC149234-MA	Intermediate	3/8"	77	2200
FRC156334-MA	FRC159334-MA	Standard	1/2"	106	3000
FRC176434-MA*	FRC179434-MA*	Heavy Duty	3/4"	210	6000
FRC176534-MA*	FRC179534-MA*	Heavy Duty	1"	228	6500

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 15

## FRL - Modular, 2 piece with Semi Automatic Drain



Pressure Adjustment Range: 7-145 PSI (0.5-10 BAR)

40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 6953-1 ISO 6301-1

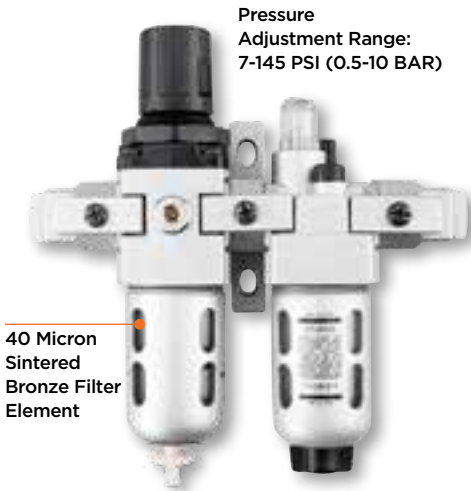
CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM136134-S	FRCLM139134-S	Miniature	1/4"	18	500
FRCLM146134-S	FRCLM149134-S	Intermediate	1/4"	53	1500
FRCLM146234-S	FRCLM149234-S	Intermediate	3/8"	63	1800
FRCLM156334-S	FRCLM159334-S	Standard	1/2"	99	2800
FRCLM176434-S*	FRCLM179434-S*	Heavy Duty	3/4"	123	3500
FRCLM176534-S*	FRCLM179534-S*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 16

## FRL - Modular, 2 piece with Internal Auto Drain

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL

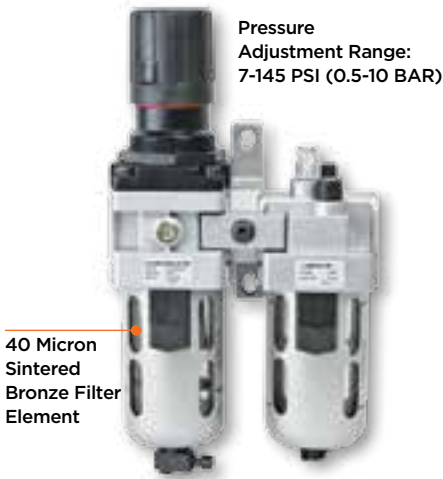
CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM146134-A	FRCLM149134-A	Intermediate	1/4"	53	1500
FRCLM146234-A	FRCLM149234-A	Intermediate	3/8"	63	1800
FRCLM156334-A	FRCLM159334-A	Standard	1/2"	99	2800
FRCLM176434-A*	FRCLM179434-A*	Heavy Duty	3/4"	123	3500
FRCLM176534-A*	FRCLM179534-A*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 17

## FRL - Compact, 2 piece with Semi Automatic Drain

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM136134-S/W	FRCLM139134-S/W	Miniature	1/4"	18	500
FRCLM146134-S/W	FRCLM149134-S/W	Intermediate	1/4"	53	1500
FRCLM146234-S/W	FRCLM149234-S/W	Intermediate	3/8"	63	1800
FRCLM156334-S/W	FRCLM159334-S/W	Standard	1/2"	99	2800
FRCLM176434-S/W*	FRCLM179434-S/W*	Heavy Duty	3/4"	123	3500
FRCLM176534-S/W*	FRCLM179534-S/W*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

# 18

## FRL - Compact, 2 piece with Internal Auto Drain

**NEW!**



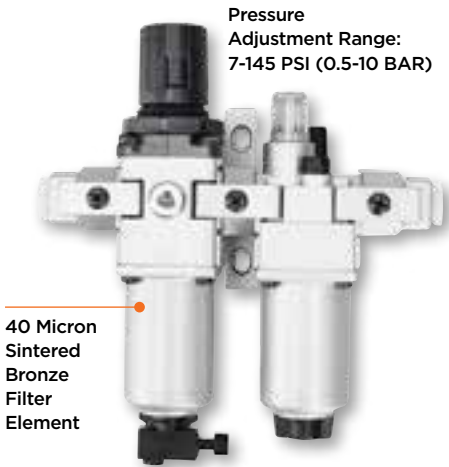
FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL


CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM146134-A/W	FRCLM149134-A/W	Intermediate	1/4"	53	1500
FRCLM146234-A/W	FRCLM149234-A/W	Intermediate	3/8"	63	1800
FRCLM156334-A/W	FRCLM159334-A/W	Standard	1/2"	99	2800
FRCLM176434-A/W*	FRCLM179434-A/W*	Heavy Duty	3/4"	123	3500
FRCLM176534-A/W*	FRCLM179534-A/W*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

**19**

**FRL - Modular, 2 piece Metal Bowl with Semi Automatic Drain**



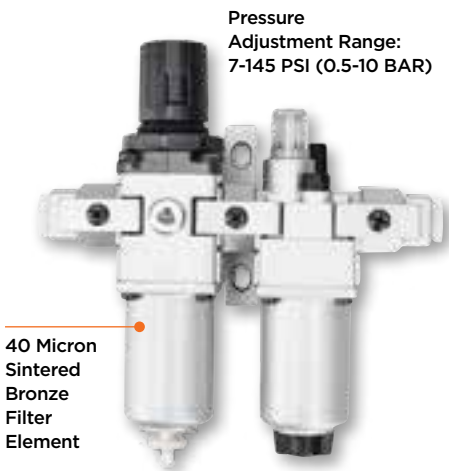
FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 6953-1 ISO 5782-1 ISO 6301-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM136134-MS	FRCLM139134-MS	Miniature	1/4"	18	500
FRCLM146134-MS	FRCLM149134-MS	Intermediate	1/4"	53	1500
FRCLM146234-MS	FRCLM149234-MS	Intermediate	3/8"	63	1800
FRCLM156334-MS	FRCLM159334-MS	Standard	1/2"	99	2800
FRCLM176434-MS*	FRCLM179434-MS*	Heavy Duty	3/4"	123	3500
FRCLM176534-MS*	FRCLM179534-MS*	Heavy Duty	1"	140	4000


\* Pressure gauge port is 1/4" - on all others it is 1/8"

**20**

**FRL - Modular, 2 piece Metal Bowl with Internal Auto Drain**



**NEW!**

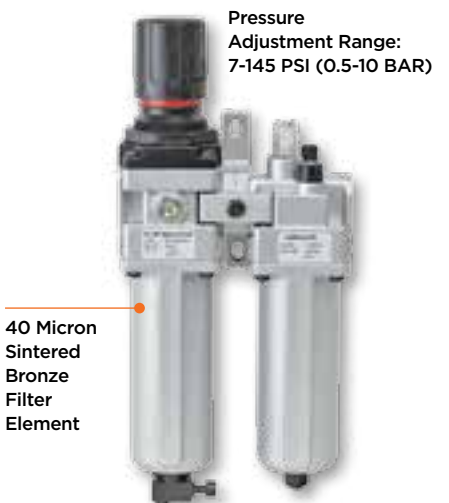
FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM146134-MA	FRCLM149134-MA	Intermediate	1/4"	53	1500
FRCLM146234-MA	FRCLM149234-MA	Intermediate	3/8"	63	1800
FRCLM156334-MA	FRCLM159334-MA	Standard	1/2"	99	2800
FRCLM176434-MA*	FRCLM179434-MA*	Heavy Duty	3/4"	123	3500
FRCLM176534-MA*	FRCLM179534-MA*	Heavy Duty	1"	140	4000


\* Pressure gauge port is 1/4" - on all others it is 1/8"

**21**

**FRL - Compact, 2 piece Metal Bowl with Semi Automatic Drain**



**NEW!**

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM136134-MS/W	FRCLM139134-MS/W	Miniature	1/4"	18	500
FRCLM146134-MS/W	FRCLM149134-MS/W	Intermediate	1/4"	53	1500
FRCLM146234-MS/W	FRCLM149234-MS/W	Intermediate	3/8"	63	1800
FRCLM156334-MS/W	FRCLM159334-MS/W	Standard	1/2"	99	2800
FRCLM176434-MS/W*	FRCLM179434-MS/W*	Heavy Duty	3/4"	123	3500
FRCLM176534-MS/W*	FRCLM179534-MS/W*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"




**22**

## FRL - Compact, 2 piece Metal Bowl with Internal Auto Drain

**NEW!**


Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)

40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRCLM146134-MA/W	FRCLM149134-MA/W	Intermediate	1/4"	53	1500
FRCLM146234-MA/W	FRCLM149234-MA/W	Intermediate	3/8"	63	1800
FRCLM156334-MA/W	FRCLM159334-MA/W	Standard	1/2"	99	2800
FRCLM176434-MA/W*	FRCLM179434-MA/W*	Heavy Duty	3/4"	123	3500
FRCLM176534-MA/W*	FRCLM179534-MA/W*	Heavy Duty	1"	140	4000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

**23**

## FRL - Modular, 3 piece with Semi Automatic Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)



40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 6953-1 ISO 5782-1 ISO 6301-1

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM136134-S	FRLM139134-S	Miniature	1/4"	18	500
FRLM146134-S	FRLM149134-S	Intermediate	1/4"	46	1300
FRLM146234-S	FRLM149234-S	Intermediate	3/8"	71	2000
FRLM156334-S	FRLM159334-S	Standard	1/2"	106	3000
FRLM176434-S*	FRLM179434-S*	Heavy Duty	3/4"	123	3500
FRLM176534-S*	FRLM179534-S*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

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## FRL - Modular, 3 piece with Internal Auto Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)

**NEW!**


40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM146134-A	FRLM149134-A	Intermediate	1/4"	46	1300
FRLM146234-A	FRLM149234-A	Intermediate	3/8"	71	2000
FRLM156334-A	FRLM159334-A	Standard	1/2"	106	3000
FRLM176434-A*	FRLM179434-A*	Heavy Duty	3/4"	123	3500
FRLM176534-A*	FRLM179534-A*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

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## FRL - Compact, 3 piece with Semi Automatic Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)



40 Micron Sintered Bronze Filter Element

**NEW!**

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM136134-S/W	FRLM139134-S/W	Miniature	1/4"	18	500
FRLM146134-S/W	FRLM149134-S/W	Intermediate	1/4"	46	1300
FRLM146234-S/W	FRLM149234-S/W	Intermediate	3/8"	71	2000
FRLM156334-S/W	FRLM159334-S/W	Standard	1/2"	106	3000
FRLM176434-S/W*	FRLM179434-S/W*	Heavy Duty	3/4"	123	3500
FRLM176534-S/W*	FRLM179534-S/W*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

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## FRL - Compact, 3 piece with Internal Auto Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)



40 Micron Sintered Bronze Filter Element

**NEW!**

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING
100%	145 PSI (10 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL

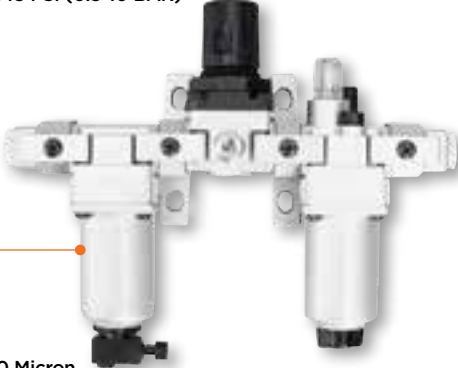
CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM146134-A/W	FRLM149134-A/W	Intermediate	1/4"	46	1300
FRLM146234-A/W	FRLM149234-A/W	Intermediate	3/8"	71	2000
FRLM156334-A/W	FRLM159334-A/W	Standard	1/2"	106	3000
FRLM176434-A/W*	FRLM179434-A/W*	Heavy Duty	3/4"	123	3500
FRLM176534-A/W*	FRLM179534-A/W*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"


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## FRL - Modular, 3 piece Metal Bowl with Semi Automatic Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)



40 Micron Sintered Bronze Filter Element

FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CONFORMS TO	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	ISO 6953-1 ISO 5782-1 ISO 6301-1	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM136134-MS	FRLM139134-MS	Miniature	1/4"	18	500
FRLM146134-MS	FRLM149134-MS	Intermediate	1/4"	46	1300
FRLM146234-MS	FRLM149234-MS	Intermediate	3/8"	71	2000
FRLM156334-MS	FRLM159334-MS	Standard	1/2"	106	3000
FRLM176434-MS*	FRLM179434-MS*	Heavy Duty	3/4"	123	3500
FRLM176534-MS*	FRLM179534-MS*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"


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## FRL - Modular, 3 piece - Metal Bowl with Internal Auto Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	MODULAR & VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM146134-MA	FRLM149134-MA	Intermediate	1/4"	46	1300
FRLM146234-MA	FRLM149234-MA	Intermediate	3/8"	71	2000
FRLM156334-MA	FRLM159334-MA	Standard	1/2"	106	3000
FRLM176434-MA*	FRLM179434-MA*	Heavy Duty	3/4"	123	3500
FRLM176534-MA*	FRLM179534-MA*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"


**29**

## FRL - Compact, 3 piece - Metal Bowl with Semi Automatic Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM136134-MS/W	FRLM139134-MS/W	Miniature	1/4"	18	500
FRLM146134-MS/W	FRLM149134-MS/W	Intermediate	1/4"	46	1300
FRLM146234-MS/W	FRLM149234-MS/W	Intermediate	3/8"	71	2000
FRLM156334-MS/W	FRLM159334-MS/W	Standard	1/2"	106	3000
FRLM176434-MS/W*	FRLM179434-MS/W*	Heavy Duty	3/4"	123	3500
FRLM176534-MS/W*	FRLM179534-MS/W*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"


**30**

## FRL - Compact, 3 piece - Metal Bowl with Internal Auto Drain

Pressure Adjustment Range:  
7-145 PSI (0.5-10 BAR)

**NEW!**



FACTORY TESTED	MAX. PRESSURE	AMBIENT TEMPERATURE	MOUNTING	CHEMICAL INDUSTRY
100%	220 PSI (15 BAR)	0°C (32°F) TO 60°C (140°F)	VERTICAL	

CAT NR. BSP THREADS	CAT NR. NPT THREADS	DESCRIPTION	PORT SIZE	FLOW RATE (MAX)	
				CFM	LPM
FRLM146134-MA/W	FRLM149134-MA/W	Intermediate	1/4"	46	1300
FRLM146234-MA/W	FRLM149234-MA/W	Intermediate	3/8"	71	2000
FRLM156334-MA/W	FRLM159334-MA/W	Standard	1/2"	106	3000
FRLM176434-MA/W*	FRLM179434-MA/W*	Heavy Duty	3/4"	123	3500
FRLM176534-MA/W*	FRLM179534-MA/W*	Heavy Duty	1"	175	5000

\* Pressure gauge port is 1/4" - on all others it is 1/8"

**Spacer**


CAT NR.	DESCRIPTION
A2S01	For use with Miniature - F13, L13, R13, FRC13, FS13
A2S02	For use with Intermediate - F14, L14, R14, FRC14, FS14
A2S03	For use with Standard - F15, L15, R15, FRC15, FS15
A2S04	For use with Heavy Duty - F17, L17, R17, FRC17, FS17

**Spacer With Port For Air Outlet**


CAT NR.	DESCRIPTION
A2T01	For use with Miniature - F13, L13, R13, FRC13, FS13
A2T02	For use with Intermediate - F14, L14, R14, FRC14, FS14
A2T03	For use with Standard - F15, L15, R15, FRC15, FS15

**Wall Mounting Bracket**


CAT NR.	DESCRIPTION
A2W01	For use with Miniature - F13, L13, R13, FRC13, FS13
A2W02	For use with Intermediate - F14, L14, R14, FRC14, FS14
A2W03	For use with Standard - F15, L15, R15, FRC15, FS15
A2W04	For use with Heavy Duty - F17, L17, R17, FRC17, FS17

**Wall Mounting Bracket with port for air outlet**


CAT NR.	DESCRIPTION
A2V01	For use with Miniature - F13, L13, R13, FRC13, FS13
A2V02	For use with Intermediate - F14, L14, R14, FRC14, FS14
A2V03	For use with Standard - F15, L15, R15, FRC15, FS15

**Piping Adapter**


CAT NR.	CAT NR.	DESCRIPTION	PORT SIZE
BSP	NPT		
A2P11	A2P15	For use with Miniature - F13, L13, R13, FRC13, FS13	1/8"
A2P01	A2P04	For use with Miniature - F13, L13, R13, FRC13, FS13	1/4"
A2P12	A2P16	For use with Intermediate - F14, L14, R14, FRC14, FS14	1/4"
A2P02	A2P05	For use with Intermediate - F14, L14, R14, FRC14, FS14	3/8"
A2P03	A2P06	For use with Standard - F15, L15, R15, FRC15, FS15	1/2"
A2P07	A2P09	For use with Heavy Duty - F17, L17, R17, FRC17, FS17	3/4"
A2P08	A2P10	For use with Heavy Duty - F17, L17, R17, FRC17, FS17	1"

**Modular Lock Out valves**

 Max. 145 PSI  
(10 Bar)

**NEW!**

CAT NR.	DESCRIPTION	PORT SIZE
<b>BSP</b>		
LKV/1361	Miniature	1/4"
LKV/1462	Intermediate	3/8"
LKV/1563	Standard	1/2"
<b>NPT</b>		
LKV/1391	Miniature	1/4"
LKV/1492	Intermediate	3/8"
LKV/1593	Standard	1/2"

**Safety Lockout Valve & Spacer Kit**

CAT NR.	DESCRIPTION	PORT SIZE
<b>BSP</b>		
LKV/1361/ST	Miniature	1/4"
LKV/1462/ST	Intermediate	3/8"
LKV/1563/ST	Standard	1/2"
<b>NPT</b>		
LKV/1391/ST	Miniature	1/4"
LKV/1492/ST	Intermediate	3/8"
LKV/1593/ST	Standard	1/2"

Mounting Clamp  
for Individual Filters / Lubricators



CAT NR.	DESCRIPTION
A2C31	For use with Miniature - F13, L13, FS13
A2C32	For use with Intermediate - F14, L14, FS14
A2C33	For use with Standard - F15, L15, FS15
A2C34	For use with Heavy Duty - F17, L17, FS17

Pressure Gauge with threaded  
end at the back

1.65" (42 mm)



CAT NR.	CAT NR.	FOR USE WITH MODEL SERIES	PORT SIZE
BSPT	NPT		
A2G02	A2G05	Miniature, Intermediate & Standard	1/8"
A2G08	A2G14	Heavy Duty	1/4"

Mounting Clamp for  
Regulators & Filter Regulator  
Combinations



CAT NR.	DESCRIPTION
A2C01	For use with Miniature - R13, FRC13
A2C02	For use with Intermediate - R14, FRC14
A2C03	For use with Standard - R15, FRC15
A2C04	For use with Heavy Duty - R17, FRC17

Digital Air Pressure Gauges with lighted display  
Measures in PSI, BAR, MPa & kg/cm<sup>2</sup> includes  
CR2032 lithium battery

**NEW!**

1-1/4" (30 mm)



1-1/4" (30 mm)

Accuracy ±2% of FS  
Resolution 0.1 PSI/0.01 Bar

CAT NR.	THREADED
<b>BSPT</b>	
DPG/L/1-8/B	1/8"
DPG/L/1-4/B	1/4"
<b>NPT</b>	
DPG/L/1-8/N	1/8"
DPG/L/1-4/N	1/4"

Replacement Sintered Bronze  
Filter Elements



CAT NR.	DESCRIPTION	FILTER SIZE
F582002	For use with Miniature - F13, FRC13, FRCLM13 & FRLM13 Series	40 Microns
F582022	For use with Intermediate - F14, FRLM14 Series	40 Microns
F582025	For use with Intermediate - FRC14, FRCLM14 Series	40 Microns
F582042	For use with Standard F15, FRC15, FRCLM15 & FRLM15 Series	40 Microns
F582051	For use with Heavy Duty- F17, FRC17, FRCLM17 & FRLM17 Series	40 Microns
F582000	For use with Miniature - F13, FRC13, FRCLM13 & FRLM13 Series	5 Microns
F582020	For use with Intermediate - F14, FRLM14 Series	5 Microns
F582026	For use with Intermediate - FRC14, FRCLM14 Series	5 Microns
F582040	For use with Standard F15, FRC15, FRCLM15 & FRLM15 Series	5 Microns
F582049	For use with Heavy Duty- F17, FRC17, FRCLM17 & FRLM17 Series	5 Microns

Replacement Borosilicate Filter Elements for  
Coalescing Filters



CAT NR.	DESCRIPTION	FILTER SIZE
F890003	For use with Miniature - FS13	0.01 Microns
F890030	For use with Intermediate - FS14	0.01 Microns
F890001	For use with Standard - FS15	0.01 Microns
F890047	For use with Heavy Duty - FS17	0.01 Microns
F890004	For use with Miniature - FS13	0.10 Microns
F890036	For use with Intermediate - FS14	0.10 Microns
F890002	For use with Standard - FS15	0.10 Microns

Replacement Bowl for Filters / Lubricators



CAT NR.	DESCRIPTION
LA2000	Replacement Bowl with O Ring for Miniature Filters / Lubricators
LA2001	Replacement Bowl with O Ring for Intermediate Filters / Lubricators
LA2002	Replacement Bowl with O Ring for Standard & Heavy Duty Filters / Lubricators

**32**
**Automatic Line Drain**


FACTORY TESTED	PRESSURE	CONDENSATE DISCHARGE CAP.
100%	30-145 PSI (2-10 BAR)	60 ML (2 OZ.) / MIN
AMBIENT TEMPERATURE	MOUNTING	
5°C (41°F) TO 60°C (140°F)	VERTICAL	

CAT NR.	DESCRIPTION
NL161	1/4" BSP
NL191	1/4" NPT

**33**
**Auto Drain Valve - External**
**NEW!**


For use with all Groz polycarbonate bowl filters

CAT NR.	FOR USE WITH MODEL SERIES
A2D01	Miniature - F13, FS13
A2D02	Intermediate - F14, FS14
A2D03	Standard - F15, FS15
A2D04	Heavy Duty - F17, FS17

**34**
**Polyurethane Recoil Air Hoses**


Polyurethane Airline Hoses with Polyacetal bend restrictors &amp; Brass swivel fittings on both ends

**NEW!**

MAX. WORKING PRESSURE	MIN. BURST PRESSURE
145 PSI (10 BAR)	508 PSI (35 BAR)
WORKING TEMPERATURE	
-5°C (23°F) TO 60°C (140°F)	

CAT NR.	CAT NR.	THREADS	HOSE ID		HOSE OD		OVERALL LENGTH	
BSP THREADS	NPT THREADS	inch	mm	inch	mm	inch	feet	meter
PUH/5BO/5/1-4/BSP	PUH/5BO/5/1-4/N	1/4	5	3/16	8	5/16	5	1.5
PUH/5BO/10/1-4/BSP	PUH/5BO/10/1-4/N	1/4	5	3/16	8	5/16	10	3
PUH/5BO/15/1-4/BSP	PUH/5BO/15/1-4/N	1/4	5	3/16	8	5/16	15	4.5
PUH/5BO/20/1-4/BSP	PUH/5BO/20/1-4/N	1/4	5	3/16	8	5/16	20	6
PUH/5BO/25/1-4/BSP	PUH/5BO/25/1-4/N	1/4	5	3/16	8	5/16	25	7.5
PUH/6BO/5/1-4/BSP	PUH/6BO/5/1-4/N	1/4	6.50	1/4	10	3/8	5	1.5
PUH/6BO/10/1-4/BSP	PUH/6BO/10/1-4/N	1/4	6.50	1/4	10	3/8	10	3
PUH/6BO/15/1-4/BSP	PUH/6BO/15/1-4/N	1/4	6.50	1/4	10	3/8	15	4.5
PUH/6BO/20/1-4/BSP	PUH/6BO/20/1-4/N	1/4	6.50	1/4	10	3/8	20	6
PUH/6BO/25/1-4/BSP	PUH/6BO/25/1-4/N	1/4	6.50	1/4	10	3/8	25	7.5
PUH/10BO/5/3-8/BSP	PUH/10BO/5/3-8/N	3/8	9.5	3/8	12.7	1/2	5	1.5
PUH/10BO/10/3-8/BSP	PUH/10BO/10/3-8/N	3/8	9.5	3/8	12.7	1/2	10	3
PUH/10BO/15/3-8/BSP	PUH/10BO/15/3-8/N	3/8	9.5	3/8	12.7	1/2	15	4.5
PUH/10BO/20/3-8/BSP	PUH/10BO/20/3-8/N	3/8	9.5	3/8	12.7	1/2	20	6
PUH/10BO/25/3-8/BSP	PUH/10BO/25/3-8/N	3/8	9.5	3/8	12.7	1/2	25	7.5

**35**

**Air Blow Guns (Polyacetal)**



OSHA STD 1-13.1 for safety



PRESSURE
50-145 PSI (3.5-10 BAR)
OPERATING TEMPERATURE
-10°C (14°F) TO 70°C (158°F)

CAT NR.	THREADS
ABG/30/1-4F/BSP	1/4" BSP (F)
ABG/30/1-4F/N	1/4" NPT (F)

**36**

**7 Piece Air Blow Gun Kit**



**KIT/ABG3/7ST/BSP**

7 pc Air Blow Kit, packed to a Blow Molded case. Nylon Body Air Blow Gun with 4-1/2" SS Nozzle 1/4" BSP (F), 4" Chip Guard, Star Tipped Rubber Silencer Nozzle, Venturi Nozzle, Conical Rubber tipped nozzles (1/2", 1", 1.3/8")

**KIT/ABG3/7ST/N**

7 pc Air Blow Kit, packed to a Blow Molded case. Nylon Body Air Blow Gun with 4-1/2" SS Nozzle 1/4" NPT (F), 4" Chip Guard, Star Tipped Rubber Silencer Nozzle, Venturi Nozzle, Conical Rubber tipped nozzles (1/2", 1", 1.3/8")

**37**

**Air Blow Guns - Professional (Nylon)**



OSHA STD 1-13.1 for safety  
OSHA STD 1910-95(b) for noise



**ACCESSORIES AVAILABLE**



NZL/SIL/ABG/3  
Silencer Nozzle with Soft Rubber Tip



NZL/VEN/ABG/3  
Venturi Nozzle for Turbo Charging Output



PS/ABG/3  
4" (100mm) dia Protective shield for ABG/3 series Air Blow Guns



NZL/RT1/ABG/3  
Rubber Tip 1/2" (12.7mm) for blowing out lines



NZL/RT2/ABG/3  
Rubber Tip 1" (25mm) for blowing out lines



NZL/RT3/ABG/3  
Rubber Tip 1.3/8" (35mm) for blowing out lines

FACTORY TESTED	PRESSURE
100%	50-235 PSI (3.5-16 BAR)
OPERATING TEMPERATURE	NOISE LEVEL
-10°C (14°F) TO 70°C (158°F)	UNDER 80 db

CAT NR.	CAT NR.	THREAD	DETAILS
BSP	NPT	inch	
<b>STANDARD REACH</b>			
ABG/1/1-4F/BSP	ABG/1/1-4F/N	1/4	with Plastic tip
ABG/2/1-4F/BSP	ABG/2/1-4F/N	1/4	with Snub nose Rubber tip
ABG/3/1-4F/BSP	ABG/3/1-4F/N	1/4	4.1/2" (114 mm) long nozzle
ABG/4/1-4F/BSP	ABG/4/1-4F/N	1/4	5.1/2" (140 mm) long nozzle & Silencer
<b>EXTENDED REACH</b>			
ABG/3A/1-4F/BSP	ABG/3A/1-4F/N	1/4	13" (330 mm) long nozzle
ABG/3B/1-4F/BSP	ABG/3B/1-4F/N	1/4	20" (508 mm) long nozzle
ABG/3C/1-4F/BSP	ABG/3C/1-4F/N	1/4	39" (990 mm) long nozzle



TYPE: A  
1/2" (13 mm) rubber tip



TYPE: B  
standard



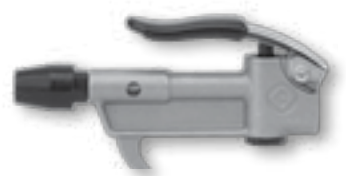
TYPE: C  
standard safety



TYPE: D  
high flow safety



TYPE: E  
safety booster



TYPE: F  
safety tamper proof



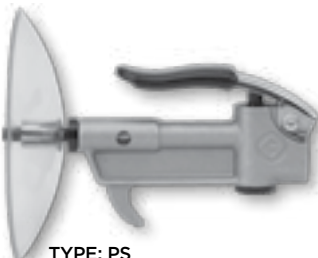
TYPE: G  
1" (25 mm) rubber tip



TYPE: H  
1-3/8" (35 mm) rubber tip



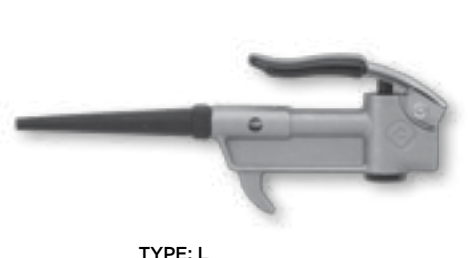
TYPE: J  
soft rubber star tip



TYPE: PS  
nozzle with 4" (100 mm) protective shield



TYPE: K  
nylon screen 1-1/4" (32 mm) wide



TYPE: L  
nylon tapered tube 3" (75 mm) long



TYPE: M  
mini aluminum tip



TYPE: N1  
ss needle 1-3/4" (44 mm) long x 0.072"  
(1.8 mm) dia.



TYPE: N2  
SS needle 2-15/32" (62 mm) long x  
0.095" (2.4 mm) dia.



TYPE: P  
adjustable brass tip



TYPE: S  
nozzle with steel wire brush

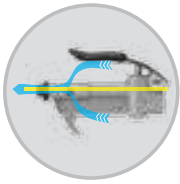


TYPE: T1  
extended reach aluminum tube 3"  
(75 mm) long



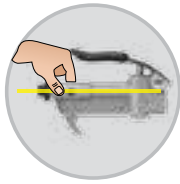
**NEW!**

**VALUE**



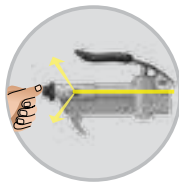
The in-built venturi mechanism, using side ports combines free ambient air with costly compressed air thus creating a large volume of usable output

**TAMPER-PROOF**



Unlike other blow guns, where vent holed are blocked user to create larger output, blocking of side ports in these reduces output thus defeating the incentive to tamper with the gun preventing costly safety violations

**COMPLIANT**



Conforms to OSHA standard for safety & noise. Gun itself is OSHA compliant & not dependent on the type of tip used

PRESSURE

DBA 85

150 PSI  
10 BAR



TYPE: T4  
extended reach aluminum tube 12" (300 mm) long

TYPE: T3  
extended reach aluminum tube 9" (225 mm) long

TYPE: T2  
extended reach aluminum tube 6" (150 mm) long

TYPE: R  
extended reach telescopic tip 14" (355 mm) to 24" (610 mm)

TYPE: Q  
extended reach 23" (585 mm) long with rubber tip

CAT. NR.	CAT NR.	TYPE	AIR INLET	DESCRIPTION	OVERALL LENGTH	
					inch	mm
LAG/A/1-4/BSP	LAG/A/1-4/N	A	1/4	1/2" (13 mm) Rubber Tip	5	127
LAG/B/1-4/BSP	LAG/B/1-4/N	B	1/4	Standard	4-7/32	107
LAG/C/1-4/BSP	LAG/C/1-4/N	C	1/4	Standard Safety	4-9/32	109
LAG/D/1-4/BSP	LAG/D/1-4/N	D	1/4	High Flow Safety	5-3/16	132
LAG/E/1-4/BSP	LAG/E/1-4/N	E	1/4	Safety Booster	5-5/16	135
LAG/F/1-4/BSP	LAG/F/1-4/N	F	1/4	Safety Tamperproof	5	127
LAG/G/1-4/BSP	LAG/G/1-4/N	G	1/4	1" (25 mm) Rubber Tip	4-15/16	125
LAG/H/1-4/BSP	LAG/H/1-4/N	H	1/4	1-3/8" (35 mm) Rubber Tip	5	127
LAG/J/1-4/BSP	LAG/J/1-4/N	J	1/4	Soft Rubber Star Tip	5-5/16	135
LAG/PS/1-4/BSP	LAG/PS/1-4/N	PS	1/4	Nozzle with 4" (100 mm) Protective Shield	5-3/32	129
LAG/K/1-4/BSP	LAG/K/1-4/N	K	1/4	Nylon Screen 1-1/4" (325 mm) Wide	5	127
LAG/L/1-4/BSP	LAG/L/1-4/N	L	1/4	Nylon Tapered Tube 3" (75 mm) Long	7	179
LAG/M/1-4/BSP	LAG/M/1-4/N	M	1/4	Mini Aluminum Rip	4-11/32	110
LAG/N1/1-4/BSP	LAG/N1/1-4/N	N1	1/4	SS Needle 1-3/4" (44 mm) long x 0.072" (1.8 mm) Dia.	5-7/8	150
LAG/N2/1-4/BSP	LAG/N2/1-4/N	N2	1/4	SS Needle 2-15/32" (62 mm) long x 0.095" (2.4 mm) Dia.	6-11/16	170
LAG/P/1-4/BSP	LAG/P/1-4/N	P	1/4	Adjustable Brass Tip	5	125
LAG/S/1-4/BSP	LAG/S/1-4/N	S	1/4	Steel Wire Brush for Industrial Cleaning & Drying	8-1/4	210
LAG/Q/1-4/BSP	LAG/Q/1-4/N	Q	1/4	Extended Reach 23" (585 mm) Long with Rubber tip	26	660
LAG/R/1-4/BSP	LAG/R/1-4/N	R	1/4	Extended Reach Telescopic Tip 14" (355 mm) to 24" (610 mm)	20-3/8	517
LAG/T1/1-4/BSP	LAG/T1/1-4/N	T1	1/4	Extended Reach Aluminum Tube 3" (75 mm) Long	6-7/8	175
LAG/T2/1-4/BSP	LAG/T2/1-4/N	T2	1/4	Extended Reach Aluminum Tube 6" (150 mm) Long	9-27/32	250
LAG/T3/1-4/BSP	LAG/T3/1-4/N	T3	1/4	Extended Reach Aluminum Tube 9" (225 mm) Long	12-13/16	325
LAG/T4/1-4/BSP	LAG/T4/1-4/N	T4	1/4	Extended Reach Aluminum Tube 12" (300 mm) Long	15-3/4	400

All tips are threaded 1/8" and available as spare

6 PIECE  
GENERAL PURPOSE KIT

KIT/LAG/6/ST/BSP  
KIT/LAG/6/ST/N



5 PIECE  
INDUSTRIAL PURPOSE KIT

KIT/LAG/5A/ST/BSP  
KIT/LAG/5A/ST/N



8 PIECE  
INDUSTRIAL KIT

KIT/LAG/8/ST/BSP  
KIT/LAG/8/ST/N



5 PIECE  
EXTENDED REACH KIT

KIT/LAG/5B/ST/BSP  
KIT/LAG/5B/ST/N



5 PIECE  
GENERAL PURPOSE KIT

KIT/LAG/5/ST/BSP  
KIT/LAG/5/ST/N



4 PIECE  
RUBBER TIP KIT

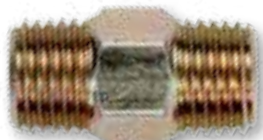
KIT/LAG/4/ST/BSP  
KIT/LAG/4/ST/N

Ideal for blowing out lines  
and cavities



21 PIECE  
ALL PURPOSE KIT

KIT/LAG/21/ST/BSP  
KIT/LAG/21/ST/N



NPL/RP/N



NPL/KP71/K63

CAT NR.	DESCRIPTION
NPL/KP71/K63	1/4" BSP (M)
NPL/RP/N	1/4" NPT (M)



QCA/1-4F/N



AN/1-4/N



IV/PGG



AN/1-4F/N

PRESSURE

250 PSI  
(17 BAR)

CAT NR.	DESCRIPTION
QCA/1-4F/N	Air Coupler, 1/4" NPT(F)
AN/1-4/N	Nipple for Air Coupler, 1/4" NPT(M)
AN/1-4F/N	Nipple for Air Coupler, 1/4" NPT(F)
IV/PGG	Universal Nipple, 1/4" NPT(M)

**AIR HOSE REEL HRP-AW**

**Product Brief**

**Compact Design:** Fully enclosed design protects inner spring from water & dirt, guaranteeing longer life & trouble free operation.

Compact size allows these to be used in confined spaces with ease

**Auto Roll Up:** Equipped with slow rewinding mechanism ensuring no one gets hurt

**Refined Design:** The Top cover discreetly hides the handle. Easily accessible handle makes it convenient to carry

Hose can be locked at any desired position

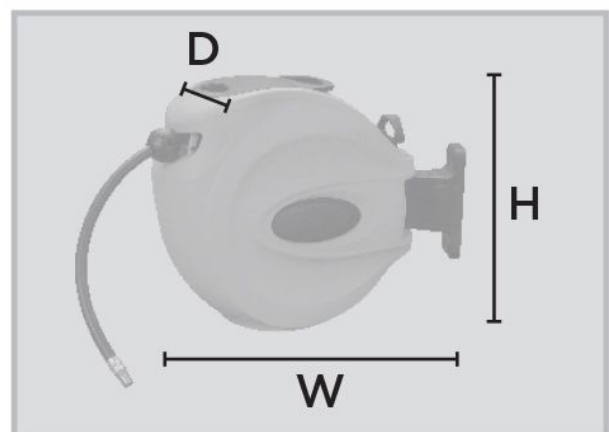
**180° Swivel Wall Bracket:** Easily fix the bracket on the wall using screws. The hose reel can swivel 180° on the bracket hence can be adjusted in the desired angle

**Easily Replaceable Hose:** User can change the hose easily as per its needs/application

Drive spring is manufactured following stringent quality standard covering hardness material size, moment of force etc. ensuring enhanced life

SPECIFICATION	
CASE MATERIAL	Polypropylene
HOSE LENGTH	15 meter (50 ft.)
HOSE MATERIAL	Hybrid ( Nitrile + PVC )
HOSE I.D.	3/8" (10 mm)
INLET/OUTLET THREAD SIZE	1/4" BSPT
WORKING PRESSURE	15 Bar (217 PSI)
BURST PRESSURE	40 Bar (580 PSI)
OPERATING TEMPERATURE	-5°C to 45°C (23°F to 113°F)

CAT NR.	ORD NR.	SIZE (WxD xH)	
		(INCH)	(MM)
HRP/AW/15M/3-8/B	47940	14-7/8 x 7-1/4 x 13-1/4	378 x 185 x 335



## TYRE INFLATOR GAUGE FOR TRUCK

### Product Brief

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. Simple press of the valve activates it and reduces pressure

#### Available with choice of:

- a. Analog Gauge
- b. Digital Gauge

Aluminium die cast gun with flexible hose, rigid extension & dual chuck suitable for attachment on valves of large Tyres

SPECIFICATIONS		
GAUGE TYPE	Digital	Analog
GAUGE DIAMETER	2-1/2" (63 mm)	2-1/2" (63 mm)
BACKLIGHT	Yes	-
AVAILABLE UNIT SELECTION	PSI, BAR, MPa, Kg/cm <sup>2</sup>	PSI, BAR
MAX. PRESSURE	upto 300 PSI (21 BAR)	upto 210 PSI (15 BAR)
ACCURACY	± 1% of Full scale	± 1.6% of Full scale
RESOLUTION	0.1 PSI	2 PSI
POWER SUPPLY	Lithium Battery	-

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
<b>BSP THREADS</b>		<b>NPT THREADS</b>			
TIG/M/24D/BSP	61330	TIG/M/24D/N	61320	24" (600 mm) flexible hose with dual chuck; Analog Gauge	10
TIG/D/24D/BSP	61380	TIG/D/24D/N	61370	24" (600 mm) flexible hose with dual chuck; Digital Gauge	10



Tyre Inflator with Analog Gauge



Tyre Inflator with Digital Gauge

## TYRE INFLATOR GAUGE V SERIES

### Product Brief

GROZ 3-in-1 Tyre Inflator Gauges are designed to:

- a. Measure tyre pressure
- b. Inflate tyres
- c. Deflate tyres

Press deflation valve to reduce tyre pressure

Analog gauge comes with a protective shroud

Aluminium die cast gun with 17" (440 mm) flexible hose & straight chuck suitable for cars & other light vehicles

SPECIFICATIONS	
GAUGE TYPE	Analog
GAUGE DIAMETER	2-1/2" (63 mm)
AVAILABLE UNIT SELECTION	PSI, BAR
OPERATING PRESSURE	Upto 60 PSI (4 BAR)
ACCURACY	±4%
RESOLUTION	2 PSI (0.10 BAR)
INLET	1/4" (NPT Thread)



CAT NR.

ORD NR.

TIG/2-5/N

61302

## TYRE INFLATOR GAUGE FOR CAR

### Product Brief

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure.

### Available with choice of

- a. Analog Gauge
- b. Digital Gauge

Aluminium die cast gun with flexible hose & straight chuck suitable for cars & other light vehicles

### VARIANTS

#### Tyre Inflator with Analog Gauge

#### Tyre Inflator with Digital Gauge

SPECIFICATIONS		
GAUGE TYPE	Digital	Analog
GAUGE DIAMETER	2-1/2" (63 mm)	2-1/2" (63 mm)
BACKLIGHT	Yes	-
AVAILABLE UNIT SELECTION	PSI, BAR, MPa, Kg/cm <sup>2</sup>	PSI, BAR
MAX. PRESSURE	upto 300 PSI (21 BAR)	upto 60 PSI (4 BAR)
ACCURACY	± 1% of Full scale	3-2-3%
RESOLUTION	0.1 PSI	1 PSI
POWER SUPPLY	Lithium Battery	-

CAT NR.	ORD NR.	CAT NR.	ORD NR.	DESCRIPTION	BOX QTY.
<b>BSP THREADS</b>		<b>NPT THREADS</b>			
TIG/M/12/BSP	61310	TIG/M/12/N	61300	12" (300 mm) flexible hose with straight chuck; Analog Gauge	10
TIG/D/12/BSP	61360	TIG/D/12/N	61350	12" (300 mm) flexible hose with straight chuck; Digital Gauge	10



Tyre Inflator with Analog Gauge



Tyre Inflator with Digital Gauge

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## TYRE INFLATOR GAUGE FOR TRUCK - CEE GAUGE

### Product Brief

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure.

**Tyre inflator Gauge with homologated pressure gauge is conforming to EU directive 86/217/CEE**

Aluminium die cast gun with flexible hose & straight chuck suitable for cars & other light vehicles



CAT NR.	ORD NR.	HOSE LENGTH	BOX QTY.
TIG/M-CEE/24D/BSP	61391	24" (600 mm) flexible hose with dual chuck	10

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## TYRE INFLATOR GAUGE FOR CARS - CEE GAUGE

### Product Brief

Reliable and sturdy, the 3 in 1 GROZ tyre gauge is designed to:

1. Measure Tyre Pressure
2. Inflate Tyres
3. Deflate Tyres

Tyre deflation is via the deflation valve on the gun body. A simple press of the valve will activate it and reduce pressure

**Tyre inflator Gauge with homologated pressure gauge is conforming to EU directive 86/217/CEE**

Aluminium die cast gun with flexible hose & straight chuck suitable for cars & other light vehicles



CAT NR.	ORD NR.	HOSE LENGTH	BOX QTY.
TIG/M-CEE/12/BSP	61390	12" (300 mm) flexible hose with straight chuck	10



## 6 PC INTERCHANGEABLE AIR BLOW GUN KIT

### Product Brief

Superior quality air blow gun designed for rugged day-in & day out usage

#### Interchangeable Design

Quick change between 5 different attachments

Simply rotate spring loaded lock collar in either direction to release or lock the attachment in place

The attachment can be locked at 6 positions for better access

Impact & weather resistant nylon body

Brass threaded air inlet ensures that threads do not shear with repeated use

Variable speed control trigger for full control of amount of air dispensed

#### 5 interchangeable attachments

- Rubber tip (NBR) for steel extensions
- Turbo wide angle nozzle for high volume
- Angled steel extension length 4" (100 mm)
- Angled steel extension length 5-1/2" (140 mm)
- Angled steel extension length 12-1/2" (320 mm)

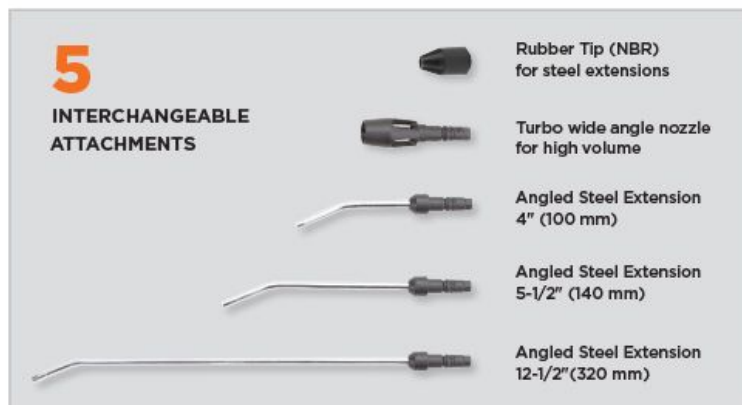
Air inlet thread 1/4" NPT

MAX.  
PRESSURE

220 PSI  
(15 BAR)



CAT NR.	ORD NR.	BOX QTY.
ABG/QR/6ST/N	61095	20



## METAL BODY SAFETY AIR BLOW GUN

### Product Brief

#### Built Tough

Aluminium die cast body in premium powder coated finish

Ergonomic steel pistol handle for fatigue free usage

#### Venturi mechanism

Side ports combine free ambient air with costly compressed air creating a larger volume of usable output. Maximum blowing force with minimal air consumption reduces energy cos

Silent operation with noise level under 80db, the gun is OSHA OK for noise

Complete with replaceable soft rubber tip



CAT NR.	ORD NR.	THREADS	DESCRIPTION	OVERALL LENGTH	
				(INCH)	(MM)
PAG/J/1-4F/B	61130	1/4" BSPT	Soft rubber star tip	5-5/16	135
PAG/J/1-4F/N	61140				

### TAMPER-PROOF



**NO MORE  
OSHA FINES!**

### VALUE



**PAYS FOR ITSELF  
IN ELECTRICITY  
SAVINGS!**

In-built venturi mechanism creates a high volume of usable output with minimal air consumption.

### COMPLIANT

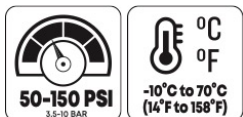


**MEETS BOTH  
OSHA STANDARDS  
FOR SAFETY &  
NOISE!**

Venturi side ports provide safety relief when blow gun outlet is blocked.

## AIR BLOW GUN STANDARD

### Product Brief



Lightweight Air Blow Gun

Impact & weather resistant nylon body with polyacetal trigger.

Brass threaded air inlet ensures that threads do not shear with repeated use Trigger permits variable speed control

**GAURANTEED SAFE:** Vent in the gun tip prevents pressure build up beyond 30 PSI ensuring safety & OSHA compliance at all times

VARIANTS				
ABG/10	ABG/10A	ABG/10B	ABG/10/RT1	ABG/10/SIL
4-1/2" (114 mm) nozzle	13" (330 mm) nozzle	20" (508 mm) nozzle	4-1/2" (114 mm) nozzle with rubber tip 1/2" (12.7 mm)	4-1/2" (114 mm) nozzle with silencer & star rubber tip

5 PC KIT - AIR BLOW GUN ABG-10 WITH 4 ATTACHMENTS			
1/2" (12.7 mm) rubber tip	1" (25 mm) rubber tip	1-3/8" (35 mm) rubber tip	Soft rubber star tip nozzle



CAT NR.	ORD NR.	CAT NR.	ORD NR.
<b>BSP THREADS</b>		<b>NPT THREADS</b>	
ABG/10/BSP	61185	ABG/10/N	61192
ABG/10A/BSP	61186	ABG/10A/N	61193
ABG/10B/BSP	61187	ABG/10B/N	61194
ABG/10/RT1/BSP	61189	ABG/10/RT1/N	61196
ABG/10/SIL/BSP	61190	ABG/10/SIL/N	61197
<b>KITS</b>			
KIT/ABG/10/5ST/BSP	61191	KIT/ABG/10/5ST/N	61198

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## METAL AIR BLOW GUN

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### Product Brief

Aluminium die cast pistol style air blow gun

Variable flow trigger for controlling the air output

Built-in storage hook for safe keeping when not in use

Maximum pressure: 90 PSI

Flow rate: 40 CFM

### Kit includes

- Two 6" (150mm) extensions
- Three needle tips,
- Quiet flow nozzle
- Xtreme flow nozzle.

The 6" (150mm) extensions can be threaded together using an adaptor to get a 12" (300mm) extension for hard to reach areas. AP



**CAT NR.**

**ORD NR.**

AP/J/N

61111

AP/10ST/N

61110

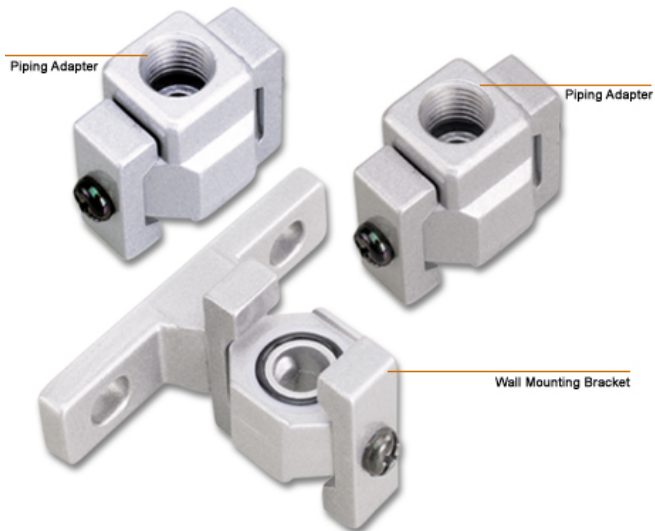
## KIT FOR MODULAR CONSTRUCTION



### Product Brief

For Modular construction from individual components, order accessories as given below

#### **! WARNING**

This product contains, chemicals, including lead, know to the state of California to cause cancer, birth defects or other reproductive harm.  
**Wash Hands After Handling.**



Combination Type	Nr.Of Wall Mounting Brackets	Nr. Of Piping Adapters
 2 pc Filter Regulator Combination-Lubricator (FRCLM)	1	2
 3 pc Filter-Regulator-Lubricator Combination (FRLM)	2	2

**По вопросам продаж и поддержки обращайтесь:**

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	