



Atlas Copco



**Atlas Copco**  
**Въздухоподготвителни**  
**групи**  
Оптимизация на пневматични инструменти





# Atlas Copco Гама ВПГ


Гамата ВПГ на Atlas Copco гарантира максимална производителност и увеличава живота на Вашите пневматични инструменти.

## Характеристики

- Компактни размери
- Минимални падове на налягане
- Модулен дизайн с Филтър, Регулатор и Омаслител
- Повишава експлоатационния живот на пневматичните инструменти

## Предимства

- Опростено и бързо инсталиране
- Висока ефективност
- Гарантирано добро качество на съгъстения въздух
- Оптимизират работата на пневматичните инструменти



**Налягане**  
**1.5 - 16 bar вход**  
**0.5 - 10 bar изход**

**Филтърен елемент**  
**5µm**







# ПРОДУКТОВА гама

## Въздухоподготвителни групи (ВПГ)

### Филтър (F)

Отделя вода и твърди частици от инсталацията



### Регулатор (R)

Гарантира подходящо входно налягане за инструмент (6.3 bar / 90 psi)



### Омаслител (L)

Осигурява необходимото количество масло в инструмента за удължаване неговия експлоатационен живот



### Филтър / Регулатор (FR)

Общ модул с филтър и регулатор



### Филтър/Регулатор + омаслител (FRL)

Комбинация от всички модули



## MINI

1/4" - свързване (NPT/BSP)

### Среда:

Сгъстен въздух и неутрални  
газове

### Филтърен елемент:

5 µm



## MIDI

1/2" - свързване (NPT/BSP)

### Среда:

Can be used with compressed air  
and neutral gases

### Filter element:

5 µm



## MAXI

3/4" & 1" - connection (NPT/BSP)

### Medium:

Can be used with compressed air  
and neutral gases

### Filter element:

5 µm



# THE FRL stand



Handle  
for easy  
carrying

Featuring  
Atlas Copco  
new FRL  
range

Tool holder,  
for easy  
mobility

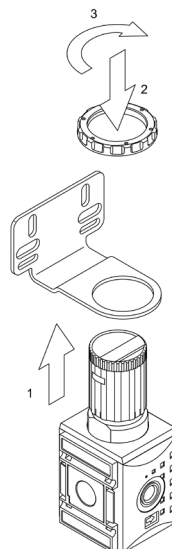


Model name	Max Air Flow l/s (Cfm)	Weight kg (lbs)	Part Number
FRL-STAND-MAXI-NPT	200 (424)	7.95 (17.5)	9090303013
FRL-STAND-MAXI-BSP	200 (424)	7.85 (17.3)	9090303014

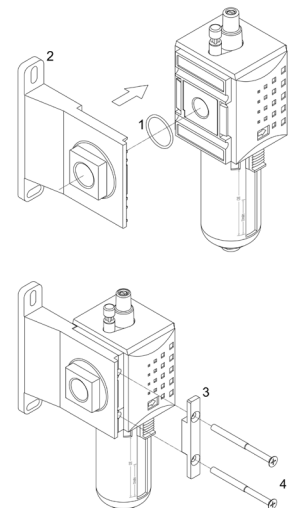
Hose Kits to be used with FRL Stands	Part Number
Hose Kit for 1/4 Inch Tool Inlet BSP	8202135082
Hose Kit for 3/8 Inch Tool Inlet BSP	8202135068
Hose Kit for 1/2 Inch Tool Inlet BSP	8202118182
Hose Kit for 1/4 Inch Tool Inlet NPT	8202135083
Hose Kit for 3/8 Inch Tool Inlet NPT	8202135069
Hose Kit for 1/2 Inch Tool Inlet NPT	8202118191

## ACCESSORIES

All separate units, mounting brackets, assembly kits and pressure gauges need to be ordered separately. F/R and FRL units are delivered with gauge. Wall brackets are available for each unit but need to be ordered separately based on your customer needs. Mounting plate is available to be ordered for Pressure Regulator & filter pressure regulator.



Mounting Plate



Wall Bracket

\*Mounting Plate can't be used with Maxi units due to weight of the unit.

# TECHNICAL data

## MINI range

Model name	Max Air Flow l/s (Cfm)	Bowl material	Max condensate capacity cm <sup>3</sup> (oz)	Max oil capacity cm <sup>3</sup> (oz)	Weight kg (lbs)	Part Number
<b>MINI Range</b>						
<b>Filter</b>						
MINI-FIL-1/4-BSP	37 (78)	Plastic, PC with PA bowl guard	10 (0.34)		0.28 (0.63)	4221000131
MINI-FIL-1/4-NPT	37 (78)	Plastic, PC with PA bowl guard	10 (0.34)		0.28 (0.63)	4221000132
<b>Regulators</b>						
MINI-REG-1/4-BSP	34 (71)				0.30 (0.68)	4221 0001 39
MINI-REG-1/4-NPT	34 (71)				0.30 (0.68)	4221 0001 40
<b>Lubricators</b>						
MINI-LUB-1/4-BSP	46 (97)	Plastic, PC with PA bowl guard		40 (1.35)	0.28 (0.61)	4221 0001 47
MINI-LUB-1/4-NPT	46 (97)	Plastic, PC with PA bowl guard		40 (1.35)	0.28 (0.61)	4221 0001 48
<b>Filter/regulator</b>						
MINI-F/R-1/4-BSP	34 (71)	Plastic, PC with PA bowl guard	10 (0.34)		0.48 (1.05)	4221 0001 55
MINI-F/R-1/4-NPT	34 (71)	Plastic, PC with PA bowl guard	10 (0.34)		0.51 (1.12)	4221 0001 56
<b>Filter/regulator+lubricator</b>						
MINI-FRL-1/4-BSP	29 (62)	Plastic, PC with PA bowl guard		40 (1.35)	0.78 (1.72)	4221 0001 63
MINI-FRL-1/4-NPT	29 (62)	Plastic, PC with PA bowl guard		40 (1.35)	0.83 (1.83)	4221 0001 64

## MIDI range

Model name	Max Air Flow l/s (Cfm)	Bowl material	Max condensate capacity cm <sup>3</sup> (oz)	Max oil capacity cm <sup>3</sup> (oz)	Weight kg (lbs)	Part Number
<b>MIDI Range</b>						
<b>Filter</b>						
MIDI-FIL-1/2-BSP	59 (124)	Plastic, PC with PA bowl guard	31 (1.05)		0.43 (0.94)	4221 0001 33
MIDI-FIL-1/2-NPT	59 (124)	Plastic, PC with PA bowl guard	31 (1.05)		0.46 (1.01)	4221 0001 34
<b>Regulators</b>						
MIDI-REG-1/2-BSP	83 (177)				0.49 (1.08)	4221 0001 41
MIDI-REG-1/2-NPT	83 (177)				0.50 (1.11)	4221 0001 42
<b>Lubricators</b>						
MIDI-LUB-1/2-BSP	134 (283)	Plastic, PC with PA bowl guard		80 (2.7)	0.4 (0.91)	4221 0001 49
MIDI-LUB-1/2-NPT	134 (283)	Plastic, PC with PA bowl guard		80 (2.7)	0.42 (0.92)	4221 0001 50
<b>Filter/regulator</b>						
MIDI-F/R-1/2-BSP	83 (177)	Plastic, PC with PA bowl guard	31 (1.05)		0.66 (1.46)	4221 0001 57
MIDI-F/R-1/2-NPT	83 (177)	Plastic, PC with PA bowl guard	31 (1.05)		0.67 (1.48)	4221 0001 58
<b>Filter/regulator+lubricator</b>						
MIDI-FRL-1/2-BSP	65 (138)	Plastic, PC with PA bowl guard	31 (1.05)	80 (2.7)	1.16 (2.55)	4221 0001 65
MIDI-FRL-1/2-NPT	65 (138)	Plastic, PC with PA bowl guard	31 (1.05)	80 (2.7)	1.17 (2.58)	4221 0001 66



# MAXI range

Model name	Max Air Flow l/s (Cfm)	Bowl material	Max condensate capacity cm <sup>3</sup> (oz)	Max oil capacity cm <sup>3</sup> (oz)	Weight kg (lbs)	Part Number
<b>MAXI Range</b>						
<b>Filter</b>						
MAXI-FIL-3/4-BSP	134 (283)	Plastic, PC with PA bowl guard	69 (2.33)		0.9 (2.1)	4221 0001 35
MAXI-FIL-3/4-NPT	134 (283)	Plastic, PC with PA bowl guard	69 (2.33)		1 (2.19)	4221 0001 36
MAXI-FIL-1-BSP	134 (283)	Plastic, PC with PA bowl guard	69 (2.33)		0.8 (1.9)	4221 0001 37
MAXI-FIL-1-NPT	134 (283)	Plastic, PC with PA bowl guard	69 (2.33)		0.9 (2.01)	4221 0001 38
<b>Regulators</b>						
MAXI-REG-3/4-BSP	237 (501)				1.02 (2.2)	4221 0001 43
MAXI-REG-3/4-NPT	237 (501)				1.03 (2.28)	4221 0001 44
MAXI-REG-1-BSP	237 (501)				0.95 (2.09)	4221 0001 45
MAXI-REG-1-NPT	237 (501)				0.97 (2.13)	4221 0001 46
<b>Lubricators</b>						
MAXI-LUB-3/4-BSP	234 (494)	Plastic, PC with PA bowl guard		181 (6.12)	0.95 (2.10)	4221 0001 51
MAXI-LUB-3/4-NPT	234 (494)	Plastic, PC with PA bowl guard		181 (6.12)	0.96 (2.12)	4221 0001 52
MAXI-LUB-1-BSP	234 (494)	Plastic, PC with PA bowl guard		181 (6.12)	0.89 (1.95)	4221 0001 53
MAXI-LUB-1-NPT	234 (494)	Plastic, PC with PA bowl guard		181 (6.12)	0.90 (1.98)	4221 0001 54
<b>Filter/regulator</b>						
MAXI-F/R-3/4-BSP	217 (459)	Plastic, PC with PA bowl guard	69 (2.33)		1.29 (2.84)	4221 0001 59
MAXI-F/R-3/4-NPT	217 (459)	Plastic, PC with PA bowl guard	69 (2.33)		1.31 (2.89)	4221 0001 60
MAXI-F/R-1-BSP	217 (459)	Plastic, PC with PA bowl guard	69 (2.33)		1.29 (2.84)	4221 0001 61
MAXI-F/R-1-NPT	217 (459)	Plastic, PC with PA bowl guard	69 (2.33)		1.25 (2.75)	4221 0001 62
<b>Filter/regulator+lubricator</b>						
MAXI-FRL-3/4-BSP	200 (424)	Plastic, PC with PA bowl guard	69 (2.33)	181 (6.12)	2.35 (5.19)	4221 0001 67
MAXI-FRL-3/4-NPT	200 (424)	Plastic, PC with PA bowl guard	69 (2.33)	181 (6.12)	2.41 (5.32)	4221 0001 68
MAXI-FRL-1-BSP	200 (424)	Plastic, PC with PA bowl guard	69 (2.33)	181 (6.12)	2.22 (4.89)	4221 0001 69
MAXI-FRL-1-NPT	200 (424)	Plastic, PC with PA bowl guard	69 (2.33)	181 (6.12)	2.28 (5.32)	4221 0001 70



FRL video



Air line configurator



FRL webpage

Scan the codes to discover more about our wide range of **Air Line Infrastructure** products and solutions

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