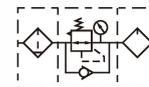


Preparation unit——GA Series

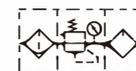
GAC Series F.R.L. combination



Reflux valve is attached



No reflux valve is attached



Ordering code

GAC300 **10** **S** **W T K**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

| ① Model | ② Material of bowl | ③ Port size | ④ Drain type | |
|---|---|----------------------------------|--|--|
| GAC200:GA200 Series F.R.L unit | Blank: PC N: Nylon C: Metal | 06: 1/8" 08: 1/4" | Blank: Semi-auto drain A: Automatic drain | |
| GAC300:GA300 Series F.R.L unit | | 08: 1/4" 10: 3/8" 15: 1/2" | | |
| GAC400:GA400 Series F.R.L unit | | 10: 3/8" 15: 1/2" | | |
| GAC600:GA600 Series F.R.L unit | C: Metal | 20: 3/4" 25: 1" | | |
| ⑤ Type code | ⑥ Pressure gauge | ⑦ Filtering grade | ⑧ Thread type | ⑨ Reflux valve |
| S: Standard L: Lower pressure [Note1] | Blank: Circular with clip N: No pressure gauge | Blank: 40μm W: 5μm | T: NPT (Scale: bar/psi) | Blank: Without reflux valve K: with reflux valve [Note2] |

[Note1] The maximum work pressure of lower pressure type is 58psi(0.4MPa);

[Note2] Please refer to page 141 for details of reflux valve.

Product feature

1. Oil dripping adopts gap seal structure, which makes the adjustment of oil supply more reliable.
2. Oil feed ring can only make one full turn. The quantity of oil supply, basically taking on linear distribution. The quantity of oil supply can be generally calculated according to the position of graduation ring.
3. Filling of oil while the lubricator is under pressure is made possible.
4. Special drip nozzle structure will produce negative pressure in oil dripping outlet and the mist flow is minimal.
5. Quick and reliable mounting clamps makes it convenient to install and use.
6. The performance of pressure adjustment is reliable with high precision.
7. The efficiency of eliminating moisture and solid grain is high.
8. Two drain types are available: semi-auto drain and automatic drain.
9. Three material of bowl are available: PC, Nylon and metal.

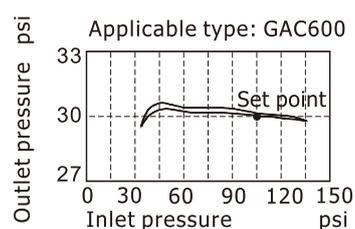
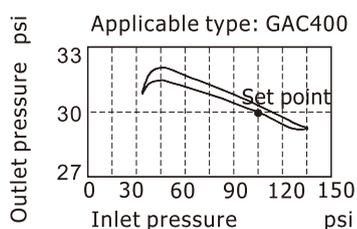
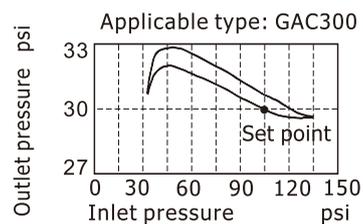
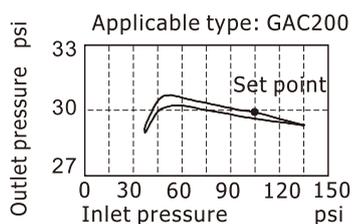
GAC Series F.R.L. combination

Specification

| Model | GAC20006 | GAC20008 | GAC30008 | GAC30010 | GAC30015 | GAC40010 | GAC40015 | GAC60020 | GAC60025 | |
|------------------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Fluid | Air | | | | | | | | | |
| Port size [Note1] | 1/8" | 1/4" | 1/4" | 3/8" | 1/2" | 3/8" | 1/2" | 3/4" | 1" | |
| Filtering grade | 40 μ m or 5 μ m | | | | | | | | | |
| Pressure range | 20~130psi(0.15~0.9MPa) | | | | | | | | | |
| Max. pressure | 145psi(1.0MPa) | | | | | | | | | |
| Proof pressure | 215psi(1.5MPa) | | | | | | | | | |
| Temperature range | -5~70°C(Unfreeze) | | | | | | | | | |
| Capacity of drain bowl | 25CC | | 60CC | | | 100CC | | 205CC | | |
| Capacity of oil bowl | 36CC | | 98CC | | | 185CC | | 410CC | | |
| Recommended lubricant | ISO VG 32or equivalent | | | | | | | | | |
| Weight | 750g | | 1300g | | | 2390g | | 4600g | | |
| Constitute | Filter | GAF20006 | GAF20008 | GAF30008 | GAF30010 | GAF30015 | GAF40010 | GAF40015 | GAF60020 | GAF60025 |
| | Regulator | GAR20006 | GAR20008 | GAR30008 | GAR30010 | GAR30015 | GAR40010 | GAR40015 | GAR60020 | GAR60025 |
| | Lubricator | GAL20006 | GAL20008 | GAL30008 | GAL30010 | GAL30015 | GAL40010 | GAL40015 | GAL60020 | GAL60025 |

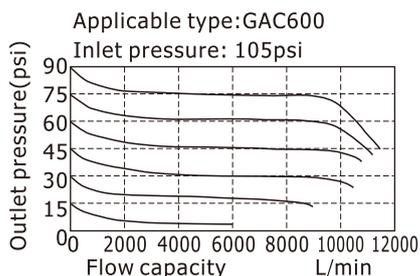
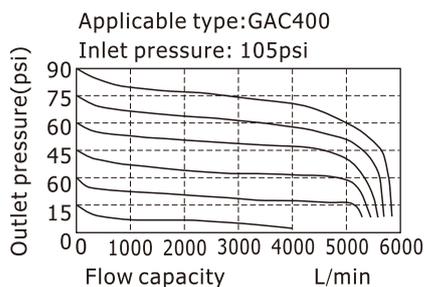
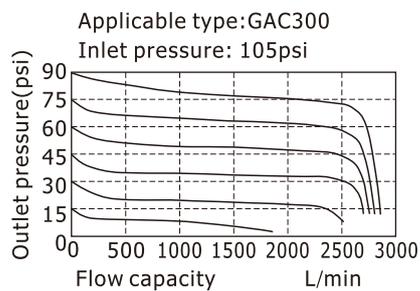
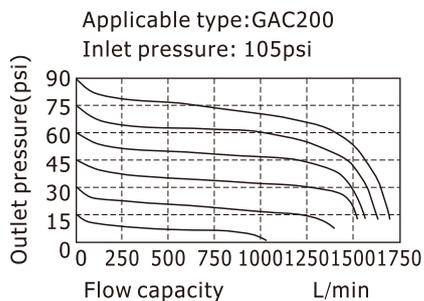
[Note1] NPT thread is available.

Pressure chart

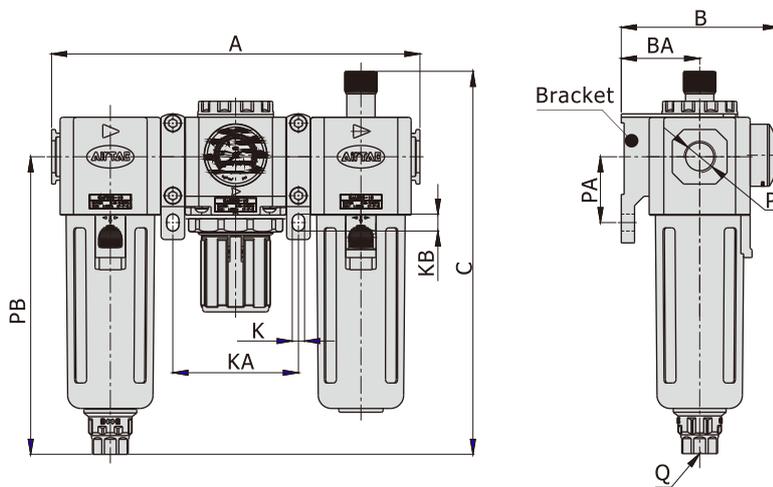


GAC Series F.R.L. combination

Flow chart



Dimensions



[Unit: mm]

| Model\Item | A | B | BA | C | K | KA | KB | P | PA | PB | Q |
|------------|-------|-----|------|-------|-----|------|-----|------|----|-------|--------|
| GAC200-06 | 163.5 | 69 | 30 | 160 | 5.5 | 55.5 | 8.5 | 1/8" | 25 | 120 | M5X0.8 |
| GAC200-08 | 163.5 | 69 | 30 | 160 | 5.5 | 55.5 | 8.5 | 1/4" | 25 | 120 | M5X0.8 |
| GAC300-08 | 195 | 83 | 41.5 | 203.5 | 6.5 | 66.5 | 9 | 1/4" | 35 | 158 | G1/4 |
| GAC300-10 | 195 | 83 | 41.5 | 203.5 | 6.5 | 66.5 | 9 | 3/8" | 35 | 158 | G1/4 |
| GAC300-15 | 195 | 83 | 41.5 | 203.5 | 6.5 | 66.5 | 9 | 1/2" | 35 | 158 | G1/4 |
| GAC400-10 | 248 | 99 | 50 | 227 | 8.6 | 84 | 12 | 3/8" | 40 | 177.5 | G1/4 |
| GAC400-15 | 248 | 99 | 50 | 227 | 8.6 | 84 | 12 | 1/2" | 40 | 177.5 | G1/4 |
| GAC600-20 | 312 | 128 | 70 | 267.5 | 11 | 106 | 16 | 3/4" | 50 | 205 | G1/4 |
| GAC600-25 | 312 | 128 | 70 | 267.5 | 11 | 106 | 16 | 1" | 50 | 205 | G1/4 |