

SELF CLEANING NOZZLES

**GF**

The GF nozzle design helps to greatly reduce shower maintenance requirements. The nozzle body contains a mobile piston that will retract, purging the nozzle orifice when the line feed pressure is reduced. Secured by means of a locknut for nipples welded onto the shower bar, these are available with needle jet or flat fan spray patterns. Self-cleaning nozzles allow for easy installation and alignment.

GF nozzles are supplied with different thread types, as shown in the table below, and therefore their product code is to be completed with the two final digits showing the thread style required.

**Materials**      Nozzle      **B31** AISI 316L Stainless steel  
                          Spring      **N1**    AISI 302 Stainless steel



**GF**



| Code | Capacity at different pressure values (lpm) (bar) |      |      |      |      |      |      |      |      |      |
|------|---|------|------|------|------|------|------|------|------|------|
|      | 3   | 4    | 5    | 6    | 7    | 8    | 10   | 15   | 20   |      |
| 0°   | <b>GFA 1100 B31xx</b>                             | 1.00 | 1.15 | 1.29 | 1.41 | 1.53 | 1.63 | 1.83 | 2.24 | 2.58 |
|      | <b>GFA 1235 B31xx</b>                             | 2.35 | 2.71 | 3.03 | 3.32 | 3.59 | 3.84 | 4.29 | 5.25 | 6.07 |
|      | <b>GFA 1330 B31xx</b>                             | 3.30 | 3.81 | 4.26 | 4.67 | 5.04 | 5.39 | 6.02 | 7.38 | 8.52 |
| 45°  | <b>GFM 1630 B31xx</b>                             | 6.30 | 7.27 | 8.13 | 8.91 | 9.62 | 10.3 | 11.5 | 14.1 | 16.3 |
|      | <b>GFM 1750 B31xx</b>                             | 7.50 | 8.66 | 9.68 | 10.6 | 11.5 | 12.2 | 13.7 | 16.8 | 19.4 |
|      | <b>GFM 1970 B31xx</b>                             | 9.70 | 11.2 | 12.5 | 13.7 | 14.8 | 15.8 | 17.7 | 21.7 | 25.0 |
|      | <b>GFM 2121 B31xx</b>                             | 12.1 | 14.0 | 15.6 | 17.1 | 18.5 | 19.8 | 22.1 | 27.1 | 31.2 |
|      | <b>GFM 2139 B31xx</b>                             | 13.9 | 16.1 | 17.9 | 19.7 | 21.2 | 22.7 | 25.4 | 31.1 | 35.9 |
| 60°  | <b>GFQ 1630 B31xx</b>                             | 6.30 | 7.27 | 8.13 | 8.91 | 9.62 | 10.3 | 11.5 | 14.1 | 16.3 |
|      | <b>GFQ 1750 B31xx</b>                             | 7.50 | 8.66 | 9.68 | 10.6 | 11.5 | 12.2 | 13.7 | 16.8 | 19.4 |
|      | <b>GFQ 1970 B31xx</b>                             | 9.70 | 11.2 | 12.5 | 13.7 | 14.8 | 15.8 | 17.7 | 21.7 | 25.0 |
|      | <b>GFQ 2121 B31xx</b>                             | 12.1 | 14.0 | 15.6 | 17.1 | 18.5 | 19.8 | 22.1 | 27.1 | 31.2 |
|      | <b>GFQ 2139 B31xx</b>                             | 13.9 | 16.1 | 17.9 | 19.7 | 21.2 | 22.7 | 25.4 | 31.1 | 35.9 |
| 80°  | <b>GFT 1630 B31xx</b>                             | 6.30 | 7.27 | 8.13 | 8.91 | 9.62 | 10.3 | 11.5 | 14.1 | 16.3 |
|      | <b>GFT 1750 B31xx</b>                             | 7.50 | 8.66 | 9.68 | 10.6 | 11.5 | 12.2 | 13.7 | 16.8 | 19.4 |
|      | <b>GFT 1970 B31xx</b>                             | 9.70 | 11.2 | 12.5 | 13.7 | 14.8 | 15.8 | 17.7 | 21.7 | 25.0 |
|      | <b>GFT 2121 B31xx</b>                             | 12.1 | 14.0 | 15.6 | 17.1 | 18.5 | 19.8 | 22.1 | 27.1 | 31.2 |
|      | <b>GFT 2139 B31xx</b>                             | 13.9 | 16.1 | 17.9 | 19.7 | 21.2 | 22.7 | 25.4 | 31.1 | 35.9 |

**LOCKNUT**

GF nozzles as identified by above codes do not include locknut, that has to be ordered separately with the appropriate code according to the nozzle thread. See table below.



**LOCKNUT XG F7010**

**NIPPLES**

A specially profiled AISI 316 stainless steel nipple is designed for ease of assembly in the shower header weld-up process.

See table below for precise code identification, based on thread type.



**NIPPLE XGF 2382**

| THREAD TYPE | M 28 x 1.5    | 3/4" - 20     | 1 1/8" - 20   |
|-------------|---------------|---------------|---------------|
| Nozzle      | GfX 1750 B3SM | GfX 1750 B3SN | GfX 1750 B3SP |
| Nipple      | XGF 2832 B3SM | XGF 2832 B3SN | XGF 2832 B3SP |
| Locknut     | XGF 7010 B3SM | XGF 7010 B3SN | XGF 7010 B3SP |