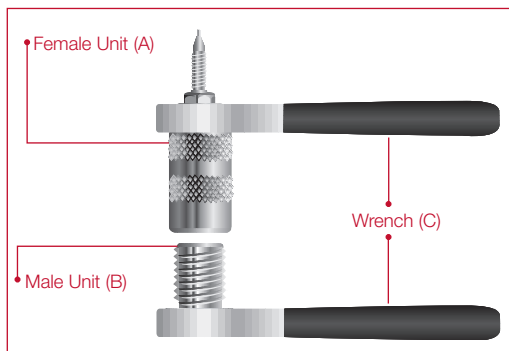




SecurityGuard Installation Instructions for GPC Column

Step 1

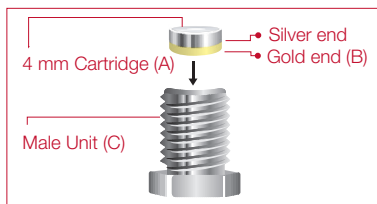
Unscrew male unit (B) from female unit (A). Use the wrenches (C) provided if necessary.



Step 2

Place the male unit on a clean, flat surface. Insert one 4 mm cartridge (A) into the top of the male unit as shown. **Male unit (C) must always be upright when inserting cartridge. Always insert cartridge into the male unit first.** The gold end (B) of the cartridge must always be facing down into the male unit.

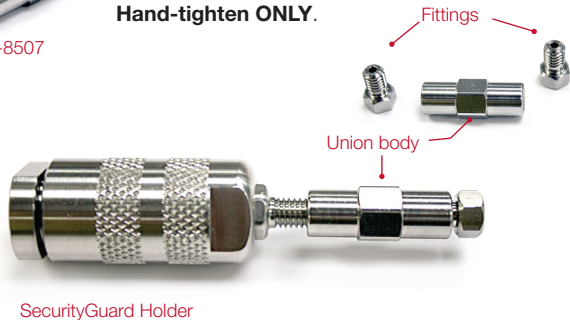
Holding male unit and cartridge in the upright position, screw the female unit back onto the male unit and hand-tighten. Wrench-tighten male unit into female up to 1/4 turn to seal the cartridge inside the holder.



Step 3

Unscrew both Fittings (Nut, ferrule and steel ring) from each side of part AQO-8507. Connect the Union body directly to the male end of the SecurityGuard holder. **Hand-tighten ONLY.**

AQO-8507

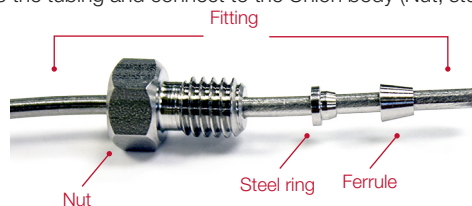


Step 4

Place the SecurityGuard holder and the GPC column in parallel inside the column oven. Use pre-cut stainless steel tubing or cut a length of stainless steel tubing long enough to connect the Union body to the column. (Make sure the tubing is cut smooth and at a right angle). Bend tubing to form the path between the SecurityGuard holder and the GPC column, being careful not to kink the tubing.

Step 5

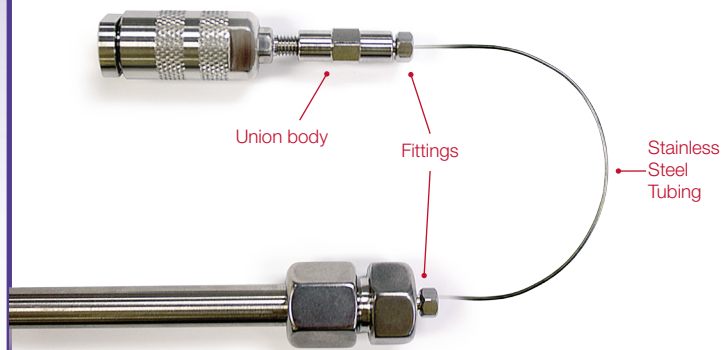
Slide one fitting onto the tubing and connect to the Union body (Nut, steel ring and ferrule). Seat the tubing all the way down into the inlet (female end) of the Union body. To eliminate voids and leaking, the tube should be centered and pushed into the female end until it bottoms out. Wrench-tighten until leak-free (about 1/4 turn) but do not over tighten*.



*Important: To achieve the maximum pressure rating, 45 lbs of torque is required.

Step 6

With the second fitting, connect the other end of tubing to your Phenogel column and wrench tighten as in Step 5.



Step 7

Install system tubing from injector to the SecurityGuard holder and from the detector to the end of the GPC column.

Trademark
SecurityGuard is a trademark of Phenomenex. SecurityGuard is patented by Phenomenex, U.S. Patent No. 6,162,362.
© 2015 Phenomenex, Inc.. All rights reserved.

phenomenex[®]
...breaking with traditionSM

FL2060415_W