

**Manufacturer's Instructions  
for ASME/ANSI A112.19.8-2007 Compliant Drain Cover/grates**

While manufacturer's instructions for the installation of pool drain cover/grates will vary with the products, there are some instructions that are mandated in the ASME/ANSI A112.19.8-2007 standard and carry the weight of law. The following instructions must be followed for a drain cover/grate to be considered as approved under the standard:

1. type designation in accordance with para. 1.1.6, including any requirement for multiple outlets required per pump
2. instructions not to locate suction outlets on seating areas or on the backrests for such seating areas
3. instructions stating that when two or more suction fittings are used on a common suction line they shall be separated by a minimum of 3 ft, or if any are located closer, they shall be located on two different planes (i.e., one on the bottom and one on the vertical wall, or one each on two separate vertical walls)
4. Instructions stating that in the event of one suction outlet being completely blocked, the remaining suction outlets serving that system shall have a flow rating capable of the full flow of the pump(s) for the specific suction system
5. maximum flow rating with head loss curve
6. acceptable connecting pipe size(s)
7. mounting position(s)
8. suction outlet part number(s), and/or model number(s), and detailed field built sump design specifications, when applicable
9. part number / description list, and "Repalce within 'YY' installed years" for all parts
10. tools required
11. service and winterizing instructions

a cautionary note not to exceed the maximum flow rate stated on the fitting

a note that the suction fitting including fasteners should be observed for tampering before each use of this facility

a statement that missing, broken, or cracked suction fittings shall be replaced before using this facility

a statement that loose suction fittings shall be reattached or replaced before using this facility

a statement "Read, then keep these instructions for future reference"

a cautionary note about increasing flow by increasing pump size