

ABSTRACT

WATER-SAVING REVERSE-VORTEX FLUSH TOILET

The present disclosure discloses a water-saving reverse-vortex flush toilet, including a toilet body. The toilet body includes a flushing channel and a bowl part. The bowl part includes a sewage receiving surface, a water seal part, and a transition wall. The transition wall is connected to the sewage receiving surface and the water seal part. The left or right side of the sewage receiving surface is provided with a guiding part, the front part of the sewage receiving surface extends backwards and upwards along the outline of the sewage receiving surface to form the guiding part, the flushing channel is provided with, near the rear part of the sewage receiving surface, a main flushing outlet, and the main flushing outlet is located on the side without the guiding part. When flushing, the water flow at the guiding part, the junction, and the rear part of the sewage receiving surface flows into the transition wall at the same time, such that the volume of water flowing into the transition wall instantly is more, and the flushing power is stronger. The flushing effect is better, and the water-saving reverse-vortex flush toilet can pass a golf ball full flushing test and an artificial stool test with only 2.2L water, and can realize a better flushing effect with smaller water volume.

Figure 1