KAGLA
Eco Friendly

Paraflow

定流量阀

Indispensable to parallel operation of vaporizers! 气化炉并联运行不可缺少的一环！

The Paraflow prevents the over load caused by unbalance vapor flow, when plural vaporizers operate in parallel.

定流量阀可以防止气化炉并联运转时由于偏流引起的过载。

Without Paraflow, It might happen following.

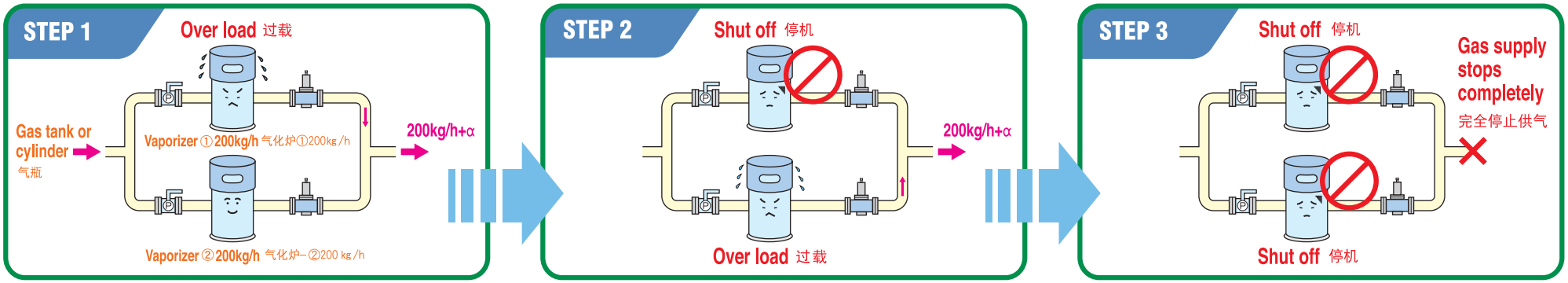
若不使用定流量阀就会出现下述问题。

Even with same installation and pressure setting, a vaporizer faces flow deflection and overload.

即使两台气化炉在安装时采用同样的施工方式及压力设定，也会出现偏流，使并联气化炉中的某一方出现过载。

Example : 2 units of 200 kg/h type vaporizers operate in parallel with each other. The maximum consumption of gas is 360 kg/h.

例：2 台 200 kg/h 气化炉并联运转，气体最大使用量为 360 kg/h 时



In a parallel vaporizer operation, gas tends to be supplied from the smallest pressure loss line. As a result, when the vaporizer in the line goes over its capacity, it failed in overload, because of difference of pressure loss.

并联运行时，气体总会向压力损失小的一侧流动。这样当超过该气化炉额定能力时，便会出现过载。

The safety system on the overloaded vaporizer operates, and vaporizer stops gas supply. After that, gas supply starts from the vaporizer in another line, and it fails in overload. Again, gas supply from this vaporizer stops.

出现过载的气化炉最终会因安全装置的启动而停机。尔后，气体将向另一侧流动，同样造成过载。

As a result, all vaporizers in all the lines stop, and gas supply completely stops.

最终，导致两台气化炉全部停机，造成供气中断。

With Paraflow, no more worries!

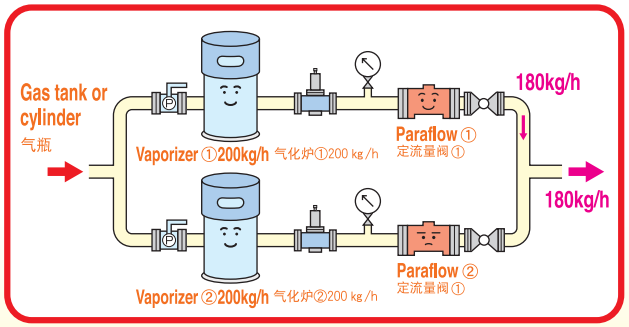
使用定流量阀便可无忧！

The use of Paraflow will make constant gas supply, without overload on vaporizers.

如果使用定流量阀，气化炉就不会出现因发生偏流而引起的过载，就可以更放心的使用气体。

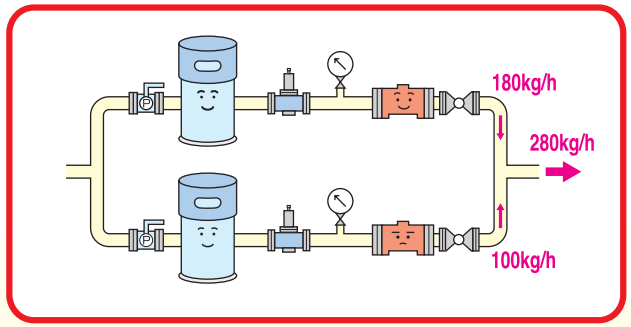
Example ① : The maximum consumption of gas is 180kg/h

例 1： 气体最大使用量为 180 kg/h



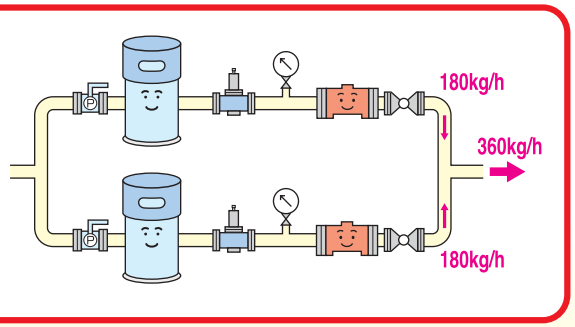
Example ② : The maximum consumption of gas is 280kg/h

例 2： 气体最大使用量为 280 kg/h



Example ③ : The maximum consumption of gas is 360kg/h

例 3： 气体最大使用量为 360 kg/h



For more detail information KAGLA VAPORTECH CORPORATION Tel: 81-6-6429-2696 FAX: 81-6-6422-0134

欢迎垂询 KAGLA VAPORTECH CORPORATION 电话: 81-6-6429-2696 传真: 81-6-6422-0134