

GAS



- ① **M**
H RV50
0.05
- ② **M**
H RV20
0.35

In order to achieve its maximum molding productivity, simply using its ultra micro breathing cell to exhale gas and air from molds.

Key problems to be solved:

1. **Burnt:**
When aberration and burnt issues occurred for resin filling faster than air exhaling, it would result gas vent overheated.
2. **Overflow:**
There are 2 possible conditions:
 - When temperature of resin gets higher at the tip of seaming, it weakens its bonding strength.
 - Air can filled up the path and blocks resin to flow functionally which will cause ejection pressure to rise and materials to overflow.
3. **No enough fillings:**
Due to air pressure, it reduces the ratio of the filling speed. Even there is no any sign of burnt or overflow.
4. **Cell Streak:**
If there are some cells, streaks and mottles occurred, it is caused by the fact that the cells have not been vaporized completely between air and resin.
5. **Extensive Cycling Time:**
The higher temperature of resin, molds and slower speed of injection cause extensive cycling time, however, it will not affect the quality of final products.

Energy, Time, and Cost Saver:

1. It will reduce the trial die, time and materials if users consider to use TX gasvent the beginning of the design.
2. It will save up to 1/3 to 1/10 of the total cost and time if installing gas vent

Installation:

1. Do not touch the surface when gas vent is in use.
2. Use H7/S6 from JIS reference chart.

| Catalog No. | | L |
|-------------|----|-----|
| Type | D | |
| GAS1 | 4 | 4.5 |
| | 5 | 10 |
| | 6 | 10 |
| GAS2 | 8 | 10 |
| | 10 | 10 |
| | 12 | 12 |

Order: **GAS1** - **D** - **L** - **QTY**