

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**