

Coolgear Imitation Expansion Valves

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Figure 1: Imitation
047500-9071

Figure 2: Original 047500-9072

Figure 3: Imitation
447500-9052

Figure 4: Original 447500-9052

Comments:

- Quality of imitation paper is glossy compared to matt of original.
- Imitation label edges are sharp vs. rounded edges of original.
- The difference in aluminum material used for imitation valve is noticeable. The surface of imitation is rough compared to original.
- For the 047500-9071 imitation, a rainbow like reflection on the aluminum material is evident on certain angle to a light source.
- Comparing the sensing bulb surface, imitation has deeper ridges (rings on bulb surface) than original.

Effect:

- Cooling performance is poor.
- Durability is shorter and prone to corrosion and clogging.
- Prone to leakage.
- Tendency to have noise during operation.
- Higher cost in the long run since servicing is more frequent.