The HLS9000 Stainless Steel Multipoint Locking System provides more than safety and security. It prevents the unwelcome intrusion of rust and corrosion. It can also keep your reputation from being tarnished by eliminating expensive service calls and any resulting loss of revenue.

Corrosion occurs for a variety of reasons. With other materials or finishes, such as yellow zinc dichromate, it can result from pollution in the air, a scratched surface or from the presence of moisture or salt -particularly in coastal regions. Stainless Steel provides excellent corrosion resistance from these in natural atmospheric conditions. It also provides an extra measure of protection from pitting and staining in more demanding locations such as industrial sites, areas of urban pollution and coastal regions. To protect the quality of your product as well as your image, insist upon HLS9000.

Manual Tongue/Shootbolt Version
Automatic Four Roller Version

Reversing Latch
1. Push small screwdriver or punch into reversing hole and push latch up until latch clears lockcase.
2. Rotate latch 180° and release back into lockcase.

Reversing Mishandling Device
1. Rotate latch 180° with hand and release back into lockcase.

General Information
A) If you have a HOPPE or FUHR Sliding Door Multipoint System, fill out the Old FUHR Sliding Door Multipoint Questionnaire (see page 356).
B) If you have a HOPPE Swing Door Multipoint System, fill out the HLS 7 Series (see page 387).
C) If you have a HOPPE or FUHR Swing Door Multipoint System with the key cylinder above the lever handle, fill out the HLS 9000 Series (see page 386).
HLS 9000 MULTIPOINT HARDWARE SWING DOOR QUESTIONNAIRE

This form is for a HOPPE or FUHR Swing Door Multipoint System with the key cylinder below the lever handle.

Customer Name: __________________________ Account Number __________________________

Contact: __________________________ Phone Number __________________________

1. Which do you see stamped on the thin edge of the metal face plate running up the entire door edge:
   "FUHR" or "HOPPE®"? (This can be found in between the door latch and deadbolt area) __________

2. What is the finish of the faceplate? □ Brass looking □ Stainless Steel

3. Do you know who manufactured the door? How about the windows in your home? If so, please list the company:

4. Is this for a single door or a pair of doors (french doors)? __________________________

5. What is the door thickness: □ 1-3/4" (45mm) □ 2-1/4" (57.15mm) □ Other: __________________________

6. Is this a "manual" or "automatic" system? Manual: Pull up on handle to engage the multipoint locks. Automatic: Where the multi point locks engage on their own when you close the door. □ Manual □ Automatic

   "NOTE: Automatic version will have a small roller-like piece located 6-1/2" above the latch. See pictures.

7. Based on the accompanying pictures, please put an "x" by the multipoint system you have:
   □ Automatic Tongue* (3-Point System)
   □ Manual Tongue (3-Point System)
   □ Automatic Roller* (3-Point System)
   □ Manual Roller (3-Point System)
   □ Automatic 4-Roller (5-Point System)
   □ Manual 4-Roller (5-Point System)
   □ Automatic Tongue with Shootbolt (5-Point System)
   □ Manual Tongue with Shootbolt (5-Point System)
   □ Manual Roller with Shootbolt (5-Point System)
   □ Other: __________________________

   *NOTE: When replacing old FUHR automatic systems, the Hoppe automatic release roller will be in a different location.

8. If you have a FUHR Automatic System what finish is your auto-release strike __________________________

9. What is the total height of the door? : __________________________

10. If you have a tongue, roundbolt or roller version, what is the distance from the center of the handle to the top position of tongue, roundbolt or roller? (Note: All measurements shown are taken when system is in the locked position)

   Tongue: □ 23-5/8" (600mm) □ 29-1/4" (743mm) □ 37-13/64" (945mm) □ 41-11/32" (1050mm) □ 46-31/32" (1193mm) □ 62-3/4" (1594mm) □ Other: __________________________

   Roundbolt: □ 23-5/8" (600mm) □ 32-1/8" (816mm) □ 40" (1016mm) □ 41-11/32" (1050mm) □ 47-7/8" (1216mm) □ 59-1/16" (1500mm) □ 63" (1600mm) □ Other: __________________________

   Two Roller: □ 13" (330mm) □ 23-5/8" (600mm) □ 25-5/8" (651mm) □ 28-3/4" (730mm) □ 32-5/8" (829mm) □ 36-5/8" (930mm) □ 41-11/32" (1050mm) □ 44-11/16" (1135mm) □ 50-19/32" (1285mm) □ 59" (1500mm) □ 63" (1600mm) □ Other: __________________________

   Four Roller - Position #1: □ 15-3/4" (400mm) □ 23-5/8" (600mm) □ 31-1/2" (800mm) □ 39-3/8" (1000mm) □ Other: __________________________

   Four Roller - Position #2: □ 31-1/2" (800mm) □ 45-1/4" (1150mm) □ 59" (1500mm) □ 72-53/64" (1850mm) □ Other: __________________________

   Swing Hook - Position #1: □ 19-11/16" (500mm) □ 23-5/8" (620mm) □ 35-7/16" (900mm) □ Other: __________________________

11. SHOOTBOLT THROW: Full extension of shootbolt: □ 25/32" (20mm - Standard) □ 1" (25mm - Available on inactive systems only)

12. HANDLE HEIGHT: The distance from the center of the door handle down to the bottom horizontal edge of the door (36" Standard) __________________________

13. What is the distance from the center of the handle to the center of the thumbturn piece?
   □ 2-7/32" (56mm) □ 2-53/64" (72mm) □ 3-5/8" (92mm - Standard) □ Other: __________________________

14. BACKSET: What is the distance from the center of the handle to the door edge (edge with the latch and deadbolt on it)?
   □ 1-3/8" (35mm) □ 1-3/4" (45mm) □ 2-3/8" (60mm) □ 2-3/4" (70mm)

15. DEADBOLT THROW: With the door ajar, measure how far out the deadbolt extends from the edge of the door: □ 1/2" □ 1"

16. If you have a tongue, roundbolt or roller version, what is the distance from the center of the handle down to the bottom position of tongue, roundbolt or roller? (Note: All measurements shown are taken when system is in the locked position)

   Tongue: □ 24-13/32" (620mm) □ 26-27/64" (671mm) □ 29-21/32" (753mm) □ Other: __________________________

   Roundbolt: □ 24-13/32" (620mm) □ 26-19/64" (668mm) □ Other: __________________________

   Two Roller: □ 24-13/32" (620mm) □ 29-1/2" (750mm) □ Other: __________________________

   Four Roller - Position #1: □ 15-3/4" □ Other: __________________________

   Four Roller - Position #2: □ 28-1/2" (750mm) □ Other: __________________________

   Swing Hook: □ 29-21/32" (753mm) □ Other: __________________________

FAX THIS QUESTIONNAIRE TO: 610-534-3202 or 305-557-5239 (Florida)

2017 PGIC
7/17