To guarantee optimal performance of Price Operating Room Air Curtain Solutions it is important to properly commission each system. These Price systems include HORD series perimeter slot diffusers, LFD series laminar flow diffusers and 700 series return grilles. The Price Factory O.R. Application Specialists responsible for the commissioning process ensure all work is completed efficiently and accurately, minimizing non-revenue generating O.R. down-time and maximizing air quality in the surgical zone.

THE FACTORY COMMISSIONING PROCESS INCLUDES:

- Review of the installation of the HORD linear sections, LFD laminar flow diffusers and 700 Series exhaust grilles
- Review balancing procedure with Balancing Contractor
- Confirm functionality of removable diffuser and grille faces
- Inspect interior of plenums
- Inspect supply ductwork if accessible
- Verification of the airflow rate and proportion to the HORD outlets through field measurements; Balancing Contractor shall adjust airflow accordingly
- Verification of the air pattern of the HORD linear sections using a smoke generating device
- Verification of the airflow rate and proportion to the laminar flow diffusers through field measurements; Balancing Contractor shall adjust airflow accordingly
- Verification of the air pattern of the laminar flow diffuser using a smoke generating device
- Verification of the air flow into the exhaust grilles using a smoke generating device; Balancing Contractor shall adjust airflow accordingly
- Verification of the room pressurization using a smoke generating device;
- Complete report of all findings
- Allow for 1 hour on-site training by factory personnel in the operation and maintenance of the HORD system

Prior to factory commissioning services; all air distribution equipment for the surgical suite(s) installed, including all diffusers and return/exhaust grilles; supply/exhaust fans and VAV boxes installed, tested and verified; supply/return ductwork installed complete with balancing dampers; ceiling system installed/painted; balancing contractor verified and set the supply airflow to the surgical suite; balancing contractor verified and set the return airflow from the surgical suite; balancing contractor provided a copy of all balancing information to Price factory personnel.