**APPLICATION DIAGRAM**

1. **RVT – “Straight Relief”**
   - Protects a system (e.g. pump, pipe segment or tank) from excessive pressure (in excess of the set point).

2. **RVT – “Back Pressure Regulator”**
   - Provides a means of retaining desired system pressure to points in use in upstream lines.

3. **RVT – “By-Pass Relief”**
   - Protects a pump from “dead heading” by enabling the flow to by-pass an obstruction.

4. **RVT – “Back Pressure Valve”**
   - Provides back pressure directly on the discharge of a pump to enhance its performance.

5. **GL – “Level Indicator”**

6. **VSTS/KST – “Basket Strainer”**
   - Protects pump and system from foreign matter.

7. **GGM (Vacuum) – “Gauge Guard”**
   - Determines when cleaning of basket strainer is necessary.

8. **MBV – “Manual Ball Valve”**
   - Isolation valve for repair and cleaning.

9. **VBM – “Molded Vacuum Valve”**
   - Prevents tank collapse during empty cycle.

10. **GGM (Pressure) – “Gauge Guard”**
    - Verifies system pressure and setting.

11. **PR – “Pressure Regulator”**
    - Assures pressure to points of use is not excessive.

12. **GY – “Flow Indicator”**
    - Verifies flow and strainer effectiveness.

13. **EAST – “Teflon Bellows Solenoid”**
    - Direct acting shutoff valve to points of use.

14. **GGM (Pressure) – “Gauge Guard”**
    - Verifies system pressure and setting.

15. **GGM (Pressure) – “Gauge Guard”**
    - Featuring Back Mount Gauge
    - Verifies tank pressure and setting.

16. **GGM (Pressure) – “Gauge Guard”**
    - Verifies system pressure and setting.

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