The system features:

- **8Fg CATHETER MOUNTED ON 18G NEEDLE**: to give the best combination of drainage with superior insertion characteristics requiring less force.
- **SELF CONTAINED ONE WAY VALVE AND VENT**: retains fluid for subsequent drainage whilst allowing air to freely escape, preventing return to the pleural space.
- **J CURVED CATHETER**: to minimise the risk of occlusion after insertion.
- **MOUNTED ASPIRATION SYRINGE**: provides the classic and reliable indication of correct needle tip position during insertion.
- **HYDROCOLLOID FIXATION DEVICE**: Provides safe anchoring and protection of catheter for up to one week.
  - Enables the patient to shower with catheter inserted.
  - Reduces the risk of accidental displacement or movement of the catheter and consequent enlargement of puncture site.
  - Minimises contamination of puncture site from environment.
- **SIGNAL DIAPHRAGM**: deflects upwards when the catheter tip enters the pleural space and continues to fluctuate in time with respiration. When the patient is asymptomatic, the static signal diaphragm may indicate the pneumothorax is resolved.
- **POSITIVE PRESSURE RELEASE VALVE**: to allow safe drainage of pneumothorax if one-way valve and vent become compromised.
- **NEEDLELESS PORT**: To allow drainage of collected fluid.