

LOVE EACH OTHER



**Pressure Booster System  
c/w Intelligent Controller  
BP-ECH / BP-EDH**



**APPLICATIONS:**

- ◆ General Industry
- ◆ Building Services
- ◆ Chemical Industry
- ◆ Heat and Steam Generation
- ◆ Cooling Water Supply
- ◆ Pressure Boosting



**TYPE OF STRUCTURES**



**BP-ECH**



**BP-EDH**

# PRESSURE BOOSTER SYSTEM

## BP-ECH / BP-EDH



### Features

Intelligent pressure booster pump generate constant pressure by integrating with variable speed controller

- Low Noise Level
- Small and Compact
- Fully Automatic
- Built in Dry Run Protection
- Minimal Maintenance (Under Proper Condition)
- Operating in Various Speed to Suit Demand

### Pump - Technical Data

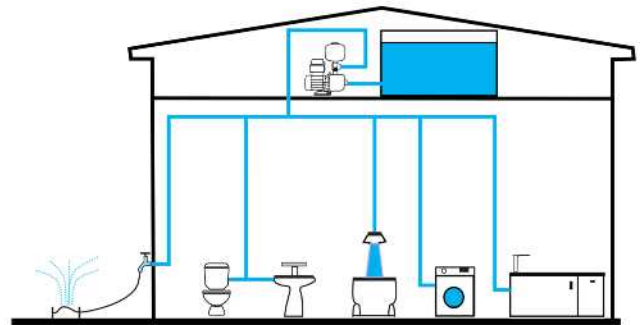
Max. Flow	<b>33 m<sup>3</sup>/h</b>
Max. Head	<b>55 m</b>
Liquid Temperature	<b>+85 °c</b>
Max. Working Pressure	<b>10 Bar</b>
Power Range	<b>0.37 - 4 kW</b>

### Motor

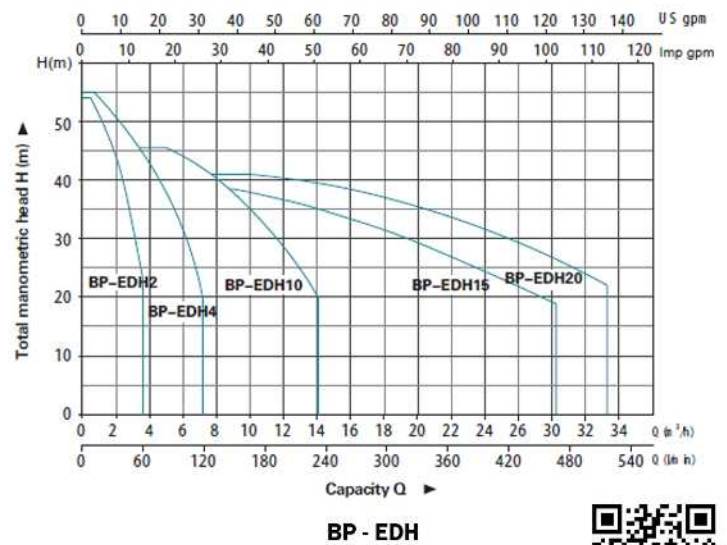
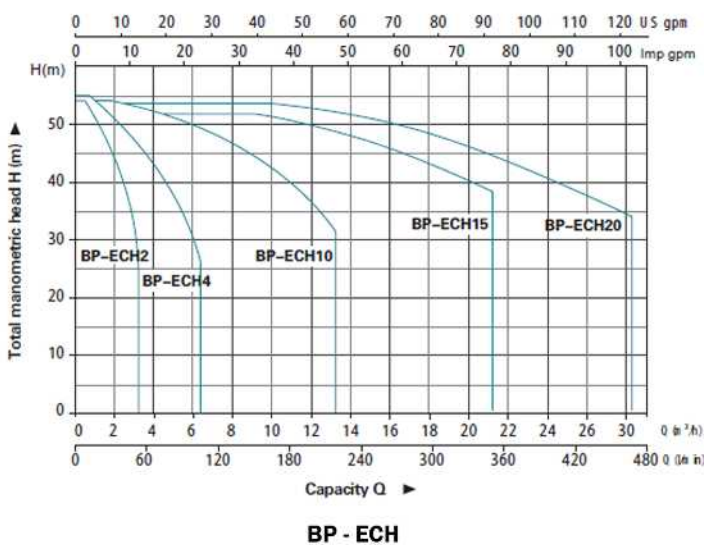
Standard Efficiency	<b>IE2 Motor (IE3 is available on request)</b>
Insulation Class	<b>F</b>
Protection Class	<b>IP55</b>
Max Ambient Temperature	<b>+40 °c</b>

### Pump - Material

Casing	<b>Cast Iron/Stainless Steel</b>
Impeller	<b>Stainless Steel (AISI 304)</b>
Pump Shaft	<b>Stainless Steel (AISI 304)</b>
Base	<b>Carbon Steel (Q235)</b>



### Hydraulic Performance Curve



**LEO PUMP ENGINEERING (MALAYSIA) SDN. BHD.** (1414432-U)



No. 21 & 23, Jalan USJ 1/31, 47600 Subang Jaya, Selangor Darul Ehsan, Malaysia

Tel : 603-8024 8213 Fax : 603-8024 8215 E-mail : enquiry@leogroup.com.my www.leogroup.com.my

LPBM-BPECHEDH-1221-04