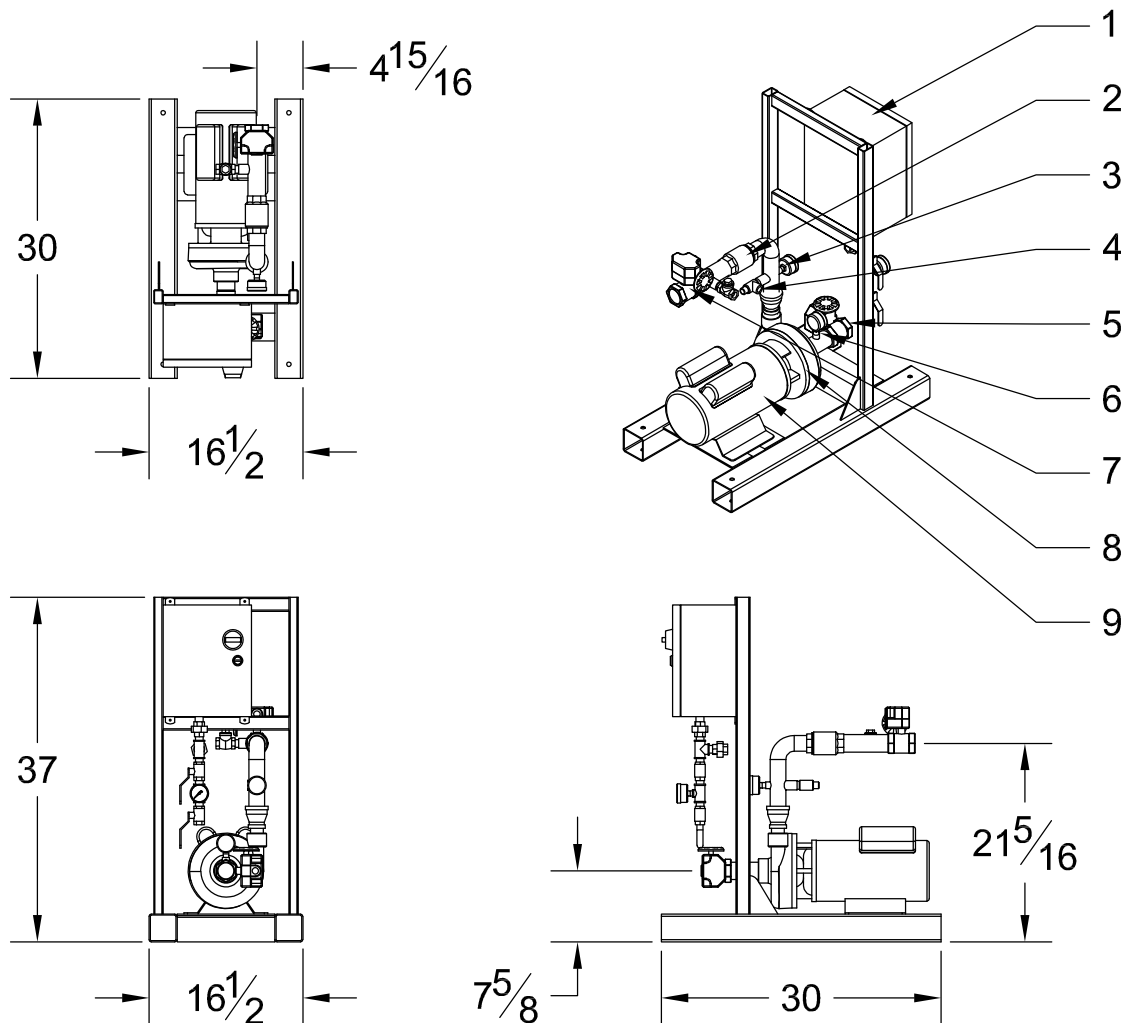


Residential Packaged Fire Pump System

HDR-50

Heavy Duty Residential Package
Design Condition: 50GPM @ 65PSI



System Specifications:

- Motor**
- 5 Horsepower Electric
 - 230 Volt
 - 21.5 Amp
 - Single Phase
 - 3450 RPM

- Pump**
- End Suction Centrifugal Pump
 - 1 1/2" Suction (NPT)
 - 1 1/2" Discharge (NPT)
 - 175 PSI max working pressure

- System Components**
- 1- Residential Fire Pump Controller
 - 2- Check Valve
 - 3- Discharge Pressure Gauge
 - 4- Case Relief Valve
 - 5- Suction Monitored Butterfly Valve
 - 6- Suction Pressure Gauge
 - 7- Discharge Monitored Butterfly Valve
 - 8- End Suction Pump
 - 9- Electric Motor
 - Not Shown- Copper Sensing Line (per NFPA20)

Performance

Performance values based on multiple pump tests. Not for certification purposes.

| | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|
| GPM | 0 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 |
| PSI | 74 | 68 | 67 | 65 | 63 | 61 | 58 | 56 | 51 |

Please Note: This fire pump system uses an unlisted pump & a residential controller. Please submit to your AHJ for approval prior to ordering.