Key Features and Benefits

- Intelligent control mode options ensure the MAGNA1 is optimized to meet application demands:
  - Three defined proportional pressure curve settings
  - Three defined constant pressure curve settings
  - Three defined constant curve/constant speed settings
- Electronically commutated motor uses less than 50% of the energy of a standard motor
- 360 [mNm] starting torque clears pump of system debris and sediment
- Magnetite resistant design ensures longer pump lifespan
- Full range of circulators in both cast-iron and stainless steel
- Integrated pump, motor and control saves time and expense with easy installation
- Easy to use, intuitive controls with LED indicator
- Wet rotor design allows for maintenance free and quiet operation
- Innovative Grundfos Eye provides visual indication of pump status: pump running, warning or alarm
- No external motor protection required
  - Insulating shells supplied with cast iron pumps

APPLICATIONS

- Heating & cooling
- Ground source heat pump systems
- Hydronic venting
- Chilled water
- Snow melt
- Hot water recirculation
MAGNA1 Technical Data

MAGNA1 INFORMATION (All Models)

- Flow, Q: max. 313 gpm
- Head, H: max. 59 ft
- Motor: 11 x 115V, 115-230V & 208-230V, 50/60 Hz
- Working Pressure: max. 175 psi
- Liquid Temperature: 14° F to 230° F
- Approvals: ANSI/UL Standard 778
- CAN/CSA Standard C22.2 No. 108

Graph showing the relationship between head (H) and flow (Q) for different models of MAGNA1 pumps, with specific model numbers listed for each model category.