

Modes & Performance

FIXED SPEED MODE



CONSTANT PRESSURE MODE

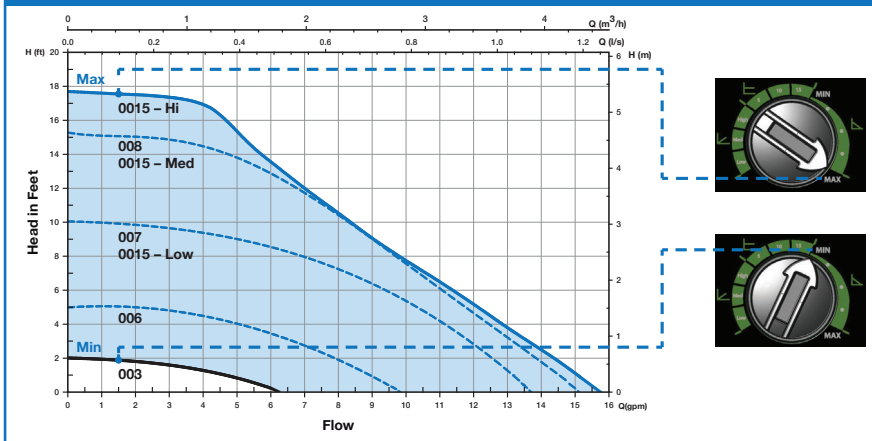


PROPORTIONAL/VARIABLE PRESSURE MODE



The VR1816 is factory-programmed for **Max Speed Setting**. Simply turn the dial to change speed, operating mode or pressure setting.

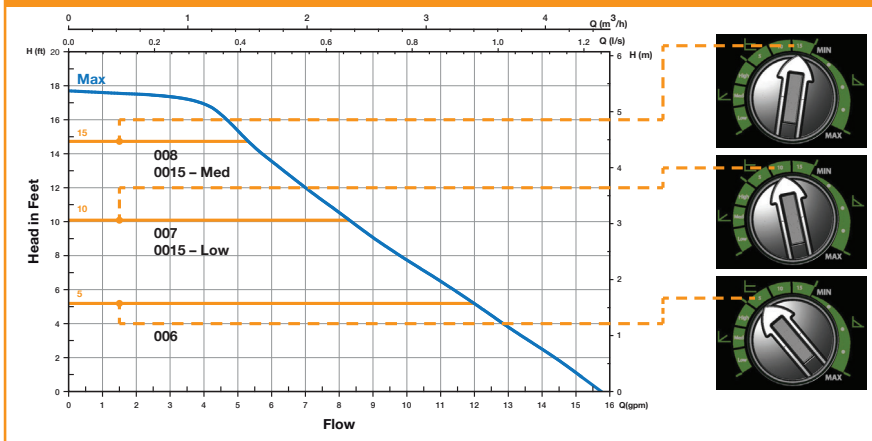
Fixed Speed Mode (Min/Max)



Fixed speed mode allows the installer to fine tune the circulator flow rate to precisely match design load conditions. It is infinitely variable between min/max settings.

See chart to the left for equivalent 00® model at each variable speed setting.

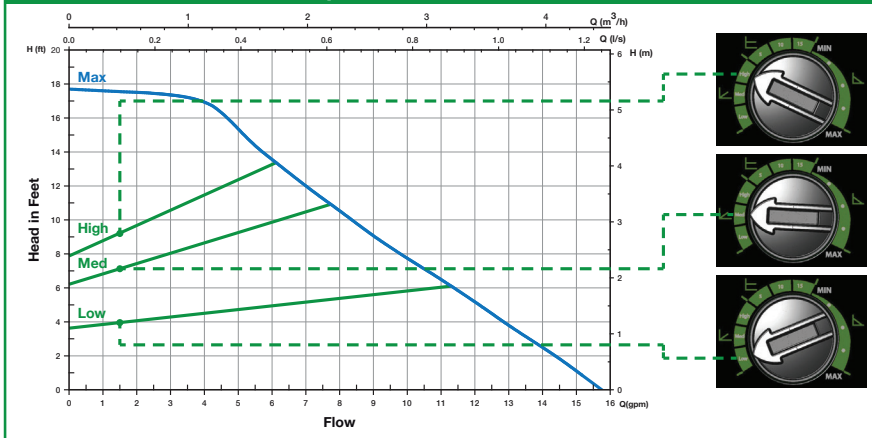
Constant Pressure Mode



In Constant pressure mode, the circulator maintains a constant pressure differential ($\Delta p-c$) in the system as heating load increases or decreases. Selection options are 5, 10, or 15 feet of head constant pressure.

See chart to the left for equivalent the 00® model at each setting.

Proportional Pressure Mode



In Proportional/Variable pressure mode, the circulator maintains a proportional pressure differential ($\Delta p-v$) as heating load increases or decreases. Flow will change in relationship to the change in pressure differential.

Selection options are Low, Medium, or High. If unsure on proper setting, select Medium and adjust as needed.