

$$H_p = 11.08 + 0.01635 \dot{V}$$

$$H_c = 26.6 - 0.006 \dot{V}$$

$$H_p = H_c$$

$$11.08 - 26.6 = (-0.006 - 0.01635) \dot{V}$$

$$\dot{V} = 694.4 \text{ l/min}$$