

# PUMPS

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A pump is a device used to move [gases](#), [liquids](#) or [slurries](#). A pump moves liquids or gases from lower pressure to higher pressure, and overcomes this difference in pressure by adding energy to the system (such as a [water](#) system). A [gas](#) pump is generally called a [compressor](#), except in very low pressure-rise applications, such as in [heating, ventilating, and air-conditioning](#), where the operative equipment consists of fans or blowers.

Pumps work by using mechanical forces to push the material, either by physically lifting, or by the force of compression.