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malcolm j. mcpherson 2 - 3 2.1.2 volume flow, mass flow and the continuity equation

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pressure and their engineering significance by j. k. mitchell 1 university of california, berkeley
abstract

kreith f.; berger, s.a.; et. al. fluid mechanics ... - fluid mechanics 3-3 ' 1999 by crc press llc (3.1.2)
or (3.1.3) where h denotes the elevation. these are the equations for the hydrostatic pressure
distribution.

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solution: since pressure is a stress, it has dimensions of force per unit area. when in position (a), the
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