

ABSTRACT

EJECTOR DEVICE

Vacuum generating means for providing reduced pressure
5 for sewage transport in a vacuum sewer system, which means
comprises a liquid-driven ejector (3), the working medium of
which is fed to the ejector (3) by a circulation pump (6) from
a sewage collecting container (5), the suction side (4) of the
ejector 3 being, via a check valve (9), connected to a vacuum
10 sewer network (2). Sewage delivered through the sewer network
flows through the ejector (3) into the collecting container
(5). The bore of the discharge pipe (11) of the ejector, is
substantially cylindrical throughout. Its length (L) is 8 to
20, preferably 10 to 15, times the diameter (D) of its bore
15 and the pipe (11) discharges directly into the open interior
of the collecting container (5).