Fact Sheet

Innopipe comparison – conventional separators

Innopipe installations, compared to a conventional separator system, offer many benefits. Conventional separators require a dedicated above-ground vessel, supports, piping and associated footprint, whereas an Innopipe inline separator can be integrated directly into the existing pipe or piperack.

Innopipe at a glance

>99% of free liquids removed	**<1 psi** typical pressure drop, piggable	**1" to 60"** pipe sizes, sweet or sour gas	**100+** installations worldwide

	CONVENTIONAL SEPARATOR	INNOPIPE TECHNOLOGY
Separation principle	Gravity & retention time	Targets annular liquid and works in stratified flow
Footprint	Larger vessel	Compact inline, with smaller footprint for pipe sizes 1" to 60"
Installation options	Typically requires a dedicated above-ground vessel, supports, piping and associated footprint	Innopipe inline separator can be integrated directly into the existing line, above or below ground or vault.
Pressure drop	Higher	Negligible
Capital cost	Higher	Low
Piggability	Bypass/shutdown required	Piggable with no bypass required
Mist extraction	Often required	Not required

The bottom-line

Innopipe is flexible and adaptable to multiple uses and applications. Innopipe is suited for any high gas/low liquids stream, built to any pipeline specification and designed to meet applicable ASME, CSA and ISO requirements.