



Well Testing Dynamic Flare Boom

The Dynamic Flare Boom is designed to withstand storm force winds and seas that are experienced while installed on dynamic vessels. Any floating structure including semi-submersibles, drillship's and barges are considered dynamic vessels. The different length configurations and multiple pipe sizes enable the Dynamic Flare Boom to handle gas flow rates of up to 100 MMscf/d. A water curtain may be added to decrease heat radiation from the flare.

Technical Specifications

Equipment	Dynamic Flare Boom 45'	Dynamic Flare Boom 65'	Dynamic Flare Boom 85'
Boom Dimensions (L x W x H)	44' 10" x 7' 4" x 3' 11"	65' 6" x 7' 4" x 3' 11"	86' 2" x 7' 4" x 3' 11"
Tare Weight (lbs.)	11,200	17,000	21,020
Max Gas Flow Rate (MMscf/d)*	10	30	100
Maximum Temperature (°F)	200	200	200
Minimum Temperature (°F)	-20	-20	-20
HP Gas Inlet and Outlet	Inlet: 6" Outlet: 10"	Inlet: 6" Outlet: 10"	Inlet: 6" Outlet: 10"
LP Gas Inlet and Outlet	Inlet: 4" Outlet: 6"	Inlet: 4" Outlet: 6"	Inlet: 4" Outlet: 6"
PSV Gas Inlet and Outlet	Inlet: 4" Outlet: 4"	Inlet: 4" Outlet: 4"	Inlet: 4" Outlet: 4"
Water Curtain Inlet and Outlet	Inlet: 2" Outlet: Deflector Plate	Inlet: 2" Outlet: Deflector Plate	Inlet: 2" Outlet: Deflector Plate
NACE MR 0175	Yes	Yes	Yes

* Estimated rates; Geometry of the rig, equipment placement, wind direction and ambient conditions all direct heat radiation limits which dictates maximum gas rates.

