



Applications

- High Pressure/High Flow application
- Low Pressure/Low Flow application
- Oil storage tanks
- Waste gas
- Emergency Venting

Benefits

- Meets both federal and state requirements
- Quick & easy installation
- Small Footprint (8'-0" x 4'-0")
- Cost effective
- Open Flame Features
- Meets EPA 40 CFR 60.18 standards
- Guaranteed Continuously Lit Pilot by Surefire
- High destruction efficiency > 95%
- Smokeless combustion
- Vertical or Horizontal Knock Out Vessel
- Fuel Gas Scrubber for Pilot and Gas-Assist Burners
- Pilot w/ Flame Rod and Auto Re-Ignition

Specifications

- Flare Tip: 3'-0" of standard 304L SS pipe flanged to stack flue (riser)
- Stack Flue: 6" standard A53 Gr.B ERW pipe, transitioning to 4" STD ERW pipe connecting to flare tip using 150# Slip-on flanges with a 1/8 inch 316 SS gasket
- Stack Inlet: Standard 4" WPB 150# SO flange
- Deflagration Arrestor: 2" 316SS internals.
- Minimum purge gas requirement is 6 SCFM
- Wind Shroud with Wind Breaker
- Non-Destructive Test: 100% radiography
- Paint: SSPC-SP6 commercial sandblast, rust inhibitive primer and Sherman-Williams finish of choice
- Max. Design OAH: 30'-0"
 - Max Design Flow LP: 225 MSCFD
- Max. Design OAH: 35'-0"
 - Max Design Flow LP: 300 MSCFD
- Max. Design Flow HP: 3 MMSCFD
- Flare Support: Guy-Supported
- Max Peak Design Wind Load: 90 mph
- Corrosion Allowance: 1/8 inch
- Max Ground Level Radiation (Including Solar): 500 BTU/hr/ft²

