nublu ENERGY

VIRTUAL PIPELINE TRAILERS CARRY CNG:

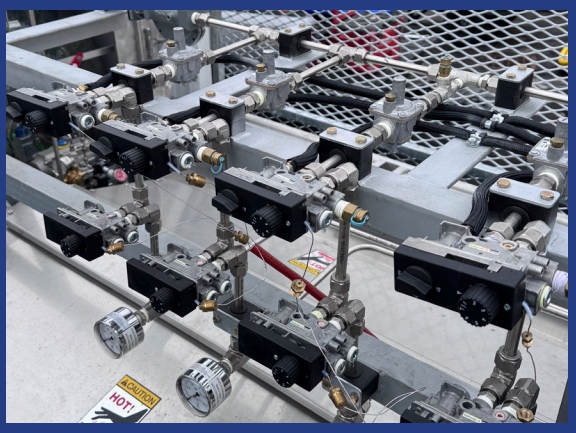
PRESSURE REDUCTION & STORAGE - ONE TRAILER. TWO SIZES.

VPT 64 VPT 128

Overview

NuBlu's VPT family delivers CNG to sites where running pipeline isn't available or isn't economical. Type IV composite cylinders hold gas at 4,000 psig. An integrated 2-stage onboard pressure reduction system, fed through a thermostatically controlled catalytic heater, drops trailer pressure to a user-set outlet between 5 and 50 psig - ready to feed the customer's downstream system.

The VPT-64 is bumper-pullable behind a standard pickup. The VPT-128 doubles the storage on a DOT highway-rated tractor trailer for routes where the smaller unit would mean too many trips.





WHY A NUBLU VPT

Storage and PRS in One Trailer
No separate pressure reduction skid to specify, permit, or move between sites. Storage and regulation are integrated and FAT-tested as one unit.

Type IV Composite Cylinders
Lighter than steel, 4,000 psig rated, with built-in thermal reliefs. Lower trailer tare weight means more gas, less wasted GVWR.

Catalytic Process Heater
Flame-free heating handles the temperature drop from CNG decompression and keeps outlet gas above 30 °F across the operating window. No open flame, no separate fuel hookup, no permitting headache.

2-Stage Pressure Regulation
Primary regulator drops trailer pressure to an intermediate level into a process accumulator that dampens pressure swings. A final-stage regulator delivers an outlet pressure within +/- 10% of setpoint.

Built and Tested In-Shop
Final assembly, FAT, valve and PSV verification, and PRS commissioning happen in our shop. Issues get caught in the shop, not on your site.

Pairs with the PRS-G and PRS-C Series
For higher-flow sites where the trailer's onboard PRS isn't sized to deliver, the VPT family pairs with NuBlu's standalone PRS packages (PRS-G8000, PRS-G4000, PRS-G2000, PRS-G750, PRS-C720, PRS-C360).

Applications:
- Remote site fuel gas supply where pipeline access is limited
- Mobile and temporary power generation
- Drilling and completions support
- Pipeline integrity work and pipeline pack-up
- Construction site fuel gas
- Peak shaving and standby gas service
- Stranded gas monetization and remote industrial loads

SPECS:

Storage Capacity VPT-64	64,000 SCF @ 4,000 psig
Storage Capacity VPT-128	128,000 SCF @ 4,000 psig
Cylinder Type	Type IV composite
Operating Pressure	200 to 4,000 psig
Process Temperature	-40 °F to 160 °F
Fill Ports	1" CNG quick-connect or NGV1
Onboard PRS	2-stage pressure regulation
PRS Inlet Pressure	200 to 3,600 psig
PRS Outlet Pressure	5 to 50 psig (Fisher 627BM); user-set
Design Flow Rate	1 to 15 MSCF/hr
Process Heater	Catalytic, thermostatically controlled
Discharge Connection	3" 150# flanged
Trailer Type VPT-64	Bumper-pull, deck-over
Trailer Type VPT-128	Tractor-pulled, DOT highway-rted
Coupler VPT-64	Pintle hitch
Coupler VPT-128	Fifth-wheel kingpin
GVWR VPT-64	16,000 lbs
GVWR VPT-128	Class 8 trailer (per spec)
Deck Size	20 ft x 8 ft
Safety	Onboard thermal reliefs and PSVs
Design Standards	ASME Sect. VIII Div. 1, B31.3, NEC, NFPA

Outlet pressure setpoint, PSV settings, fill port count, and discharge configuration are tuned to the application. Contact engineering for a sized proposal.



Which One Fits Your Site

Choose the VPT-64 if

- Site demand is intermittent or seasonal
- You want to move trailers behind a standard pickup
- Permitting and parking footprint need to stay small
- Trailer-swap frequency isn't a major cost driver

Choose the VPT-128 if

- Site demand is continuous or high-volume
- You want to cut delivery trips per week
- DOT highway operation behind a Class 8 tractor is in scope
- Lower delivery cost per MCF matters more than mobility

What's Included

- Trailer with Type IV composite CNG cylinders
- CNG quick-connect fill ports (NGV1)
- Integrated 2-stage pressure reduction system
- Thermostatically controlled catalytic process heater
- PSVs and onboard cylinder thermal reliefs
- Flanged discharge connection
- Operating manual, FAT package, and recommended spare parts list

Engineering and Aftermarket Support

Every VPT ships with a complete operating manual, FAT documentation, and recommended spares list. Critical wear items - regulator trims, PSV cartridges, and instrumentation - are stocked at our shop for fast response.

Field service, troubleshooting, and remote support are handled by the same team that designed and built the trailer.

Need CNG delivered where the pipeline doesn't reach?

Send us your flow requirement, outlet pressure, and site logistics, and we'll come back with a configured VPT-64 or VPT-128 package.

877-520-4018 NuBluEnergy.com

VPT 64 VPT 128