

High-Performance Phase Separation

WITH FLEXIBLE DESIGN OPTIONS AND QUALITY MANUFACTURING, WESTERMAN GAS PRODUCTION UNITS [GPUs] DELIVER SUPERIOR LIQUID REMOVAL AND PRODUCTION PERFORMANCE.

Westerman's flexible, reliable GPUs get the job done safely and efficiently. From units optimized for multi-well pads to enclosed, cold-weather systems perfect for harsh conditions, make the most of your production with quality units designed specifically for your field.

- Get expert support sizing equipment and streamlining setup
- Choose from more than 80 possible design combinations
- Access specialized engineering expertise for custom configurations
- Minimize downtime through Westerman's strict QA/QC standards
- Receive optional on-site review of production and site challenges
- Monitor and control unit remotely for more safety and convenience



WESTERMAN

Round Water Bath for More Efficient Heat Transfer

Unlike the square designs on conventional GPUs, Westerman units feature round water baths that deliver a hyper-efficient rolling effect. This refinement means more thermal efficiency and less glycol required for setup. In fact, one recent buyer [saved more than \\$90,000](#) in glycol after specifying Westerman equipment.

TECHNICAL FEATURES

- Gas flow rates up to 26 MMSCFD
- Heater capacities up to 2.5 MMBTU/hr
- Efficient flow designs built using computational flow models
- Designed and manufactured in accordance with ASME Section VII Division 1, ASME IX, ASME B31.3 and API 12K codes
- Three baseline water baths, coil configurations and heaters
- Three separator designs to cover flow ranges from 1000 BPD to 2000 BPD total fluid flow
- Pneumatic filtration

AVAILABLE OPTIONS

- Two or three-phase units
- Enclosed units for cold weather
- Flexible liquid/gas metering options
- Solar-powered controls
- Qualified startup assistance
- Instrument and electrical options
- Round Water Bath

VESSEL	FLOWRATES			TOTAL FLUID [BPD]
	GAS	OIL	WATER	
	[MMSCFD]	[BDP]	[BPD]	
2410	10	500	500	1000
3010	15	750	750	1500
3610	22	1000	1000	2000

STANDARD CONDITIONS	
INLET PRESSURE	4,000 PSI
INLET TEMPERATURE	60° F
OUTLET PRESSURE	800-1000 PSI
OUTLET TEMPERATURE	70° F
BATH TEMPERATURE	180° F

CABINET		COILS			GAS FLOW RATE [MMSCFD]
WATERBATH	BURNER	FIRETUBE	PREHEAT # PASSES	REHEAT # PASSES	
SKID	BTU/HR	NPS	[3"XXS]	[4"XS]	
156	50,000	8	8	2	5
	750,000	10	10	2	7
	1,000,000	12	12	2	9
180	1,000,000	12	10	2	10
	1,250,000	14	12	2	12
	1,500,000	16	14	2	15
240	1,750,000	16	12	2	18
	2,000,000	18	14	2	22
	2,500,000	20	16	2	26