

GPA-16 GAS COMPRESSOR SETS



Automated outdoor gas compressor sets rated at 16 MW are developed under the Gazprom cooperation program. The sets are designed for replacement of obsolete and worn-out gas compressor equipment and construction of new compressor stations. The set is fully pre-fabricated providing minimization of cargo pieces for shipment.

PS-90GP-1 gas turbine (manufactured by UEC-PM) and AL-31ST (manufactured by UMPO) is used as a centrifugal compressor drive.



Technical features		
Drives	PS-90GP-2	AL-31ST
Drive manufacturer	UEC-Perm Engines	UMPO
Rated output, MW	16	16
Efficiency, %	36.3	35,5
Gas fuel flow rate at nominal rating, kg/h	3 175	3 247
GT compression ratio	19.6	18.0
Overhaul life expectancy, h	25 000	
Assigned life expectancy, h	100 000	