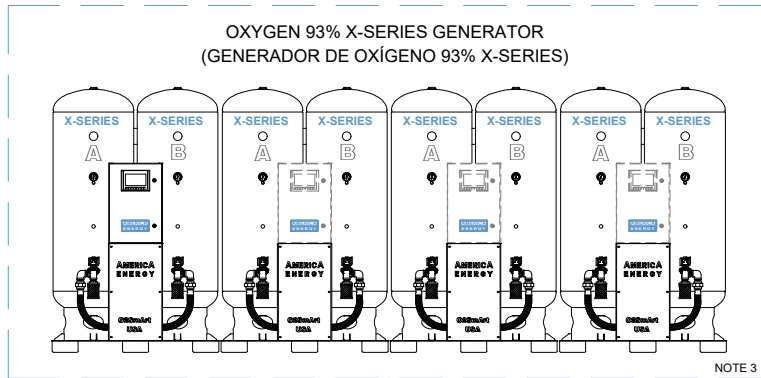
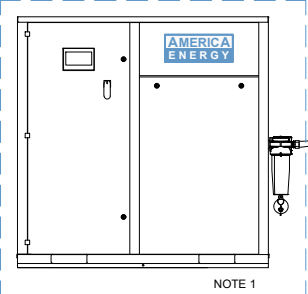


PARAMETER (PARAMETRO)	UNITED STATES PHARMACOPEIA OXYGEN 93%	NFPA 99 (2018) OXYGEN 93%	EUROPEAN PHARMACOPEIA OXYGEN 93%	AMERICA ENERGY O2SmArt
Oxygen	O2 90% - 96%	90% - 96%	90% - 96%	90% - 96%
Carbon Monoxide	CO <0.001%	<0.001%	<5 PPM	<3 PPM / 0.0003%
Carbon Dioxide	CO2 <0.03%	<0.03%	<300 PPM	<200 PPM / 0.02%
Sulfur Dioxide	SO2 -	-	<1 PPM	<1 PPM
Nitrogen Oxides	NOx -	-	<2 PPM	<1 PPM
Water	H2O -	-	<67 PPM / -50C	<34 PPM / -51C
Oil	-	<0.1 mg/m3	<0.1 mg/m3	<0.003 mg/m3

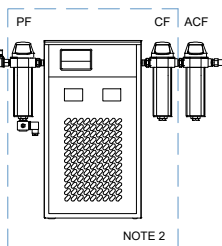


REVISION		
REV	DATE	DESCRIPTION
1	03-MAR-2021	FIRST EDITION
2	07-MAY-2021	PSA UPDATE
3	08-MAY-2021	PSA UPDATE PR CO, CO2
4	13-MAY-2021	OPT. CYLINDER FILLING STATION
5	15-MAY-2021	PSA CONTROL PANEL UPDATE
6	28-MAY-2021	AIR PRS SENSOR & % O2 SENSOR

SCREW AIR COMPRESSOR (COMPRESOR DE AIRE DE TORNILLO)

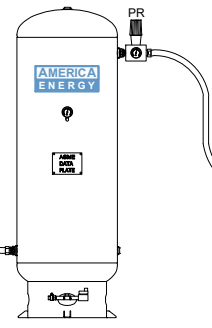


AIR TREATMENT MODULE (MÓDULO DE TRATAMIENTO DE AIRE)



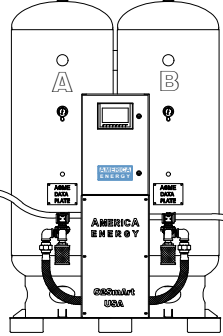
- PARTS:
- REFRIGERATED DRYER
 - PF: PARTICULATE FILTER
 - CF: COALESCING FILTER
 - ACF: ACTIVE CARBON FILTER

AIR RECEIVER (TANQUE DE AIRE)



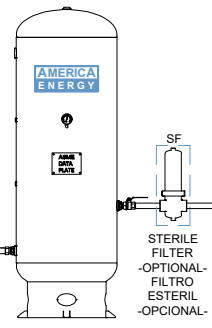
- AIR TANK:
- CAPACITY: 80/120/240/440/600 GAL.
 - INTERNAL EPOXY LINING
 - PRESSURE GAUGE
 - RELIEVE VALVE
 - AUTO AND MANUAL DRAIN
 - AIR PRESSURE REGULATOR

OXYGEN 93% GENERATOR (GENERADOR DE OXIGENO 93%)

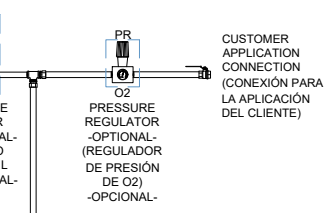


- OXYGEN 93 PERCENT:
- IT CONTAINS NOT LESS THAN 90.0 % AND NOT MORE THAN 96.0 % BY VOLUME OF O2.
 - AIR PRESSURE SENSOR
 - DEW POINT SENSOR
 - O2 % PURITY SENSOR
 - CO SENSOR -OPTIONAL
 - CO2 SENSOR -OPTIONAL

HIGH PURITY OXYGEN 93% RECEIVER (TANQUE DE ALTA PUREZA DE OXIGENO 93%)



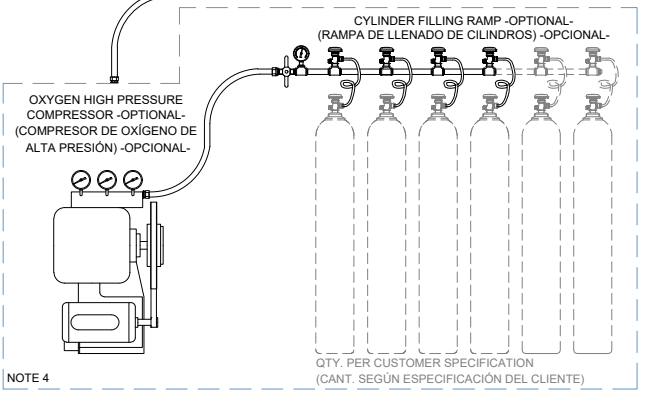
- O2 TANK:
- CAPACITY: 80/120/240/440/600 GAL.
 - PRESSURE GAUGE
 - RELIEVE VALVE



- NOTES:
- The number of compressors for the X-Series line depends on the total capacity required, check the specific model information for more details.
 - Coalescing pre-filter & particulate after filter may be included and factory mounted inside the dryer.
 - The number of oxygen modules for the X-Series generator depends on the total capacity required. X-Series may include more than one (1) control panel for modular O2 % purity analyzer, check the specific information for more details.
 - The capacity of oxygen high pressure compressor and configuration of cylinder filling ramp, depends on the specification required. Oxygen cylinders are not included.

- NOTAS:
- El número de compresores para la línea X-Series depende de la capacidad total requerida, revise la información específica del modelo para más detalles.
 - Pre-filtro coalescente y post-filtro de partículas pueden estar incluidos y montados desde fábrica dentro del secador de aire.
 - El número de módulos de generadores de oxígeno para la línea X-Series depende de la capacidad total requerida. La X-Series puede incluir mas de un (1) panel de control para análisis modular de la pureza de oxígeno, revise la información específica para mas detalles.
 - La capacidad del compresore de oxígeno de alta presión y la configuración de la rampa de llenado de cilindros, depende de las especificaciones requeridas. Los cilindros de oxígeno no están incluidos.

OXYGEN HIGH PRESSURE CYLINDER FILLING STATION -OPTIONAL- (ESTACIÓN DE LLENADO DE CILINDROS DE OXIGENO EN ALTA PRESIÓN) -OPCIONAL-



AMERICA ENERGY, INC
 Right Solution for Compressed Air & Vacuum Systems
 www.america-energy.com

TITLE: **DIAGRAM OXYGEN GENERATOR SYSTEM O2S - W & WX SERIES**

DWG No: **Di-AEO2S-W_WXSeries-R6**

DRAWING: S.N.	DATE: 28-MAY-2021	THIS INFORMATION IS PROPERTY OF AMERICA ENERGY, INC. AND MAY NOT BE GIVEN TO ANY OTHER PARTY WITHOUT THE CONSENT OF AMERICA ENERGY, INC.
DESIGN: A.A.	SCALE: S/E	
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