

AIR AMBIENT VAPORIZER

THE AMBIENT AIR VAPORIZER IS THE EQUIPMENT THAT USES THE AIR NATURAL CONVECTION TO HEAT CRYOGENIC LIQUID(LIQUID NITROGEN, LIQUID ARGON, LIQUID NATURAL GAS AND LIQUID CARBON DIOXIDE), THEN WHICH IS VAPORIZED TO GASEOUS MEDIUM WITH APPROACHING AMBIENT TEMPERATURE.THE PRODUCT IS DESIGNED AS CUSTOMER'S REQUIREMENT, WITH NOVEL STRUCTURE, HIGH INSTRUCTION COEFFICIENT, LONG SERVICE-LIFE, AND LARGEST EFFICIENCY OF HEAT EXCHANGE. IT HAS STRONG POINTS SUCH AS NO ENERGY CONSUMPTION, NO POLLUTION, EASY TO MAINTAIN AND HANDLE. SO THAT IT CAN REDUCE THE OPERATION COST FOR PROJECT.WE OFFERS TWO TYPES OF IT: 20-10000M3/H AMBIENT AIR SERIES AND 500-100000M3/H WATER BATH SERIES. THE INSTALLATION, REMOVAL AND OPERATION ARE QUITE EASY.



TECHNICAL PARAMETER:

CAPACITY	20-10000NM3/H
INLET FLUID	LNG
OUTLET FLUID	NG
DESIGN PRESSURE	1.0-25.0MPA
DESIGN TEMPERATURE	-196℃~+65℃
INLET TEMPERATURE	-162℃
OUTLET TEMPERATURE	AMBIENT TEMPERATURE
PRESSURE DROP	≤0.05MPA
MATERIAL	ALUMINUM

CNG SKID-MOUNTED PRESSURE REGULATING UNIT

CNG PRESSURE REGULATOR SKID IS A HIGH DIFFERENTIAL PRESSURE REGULATING DEVICE, FIRSTLY CONNECTING WITH CNG VEHICLES BY HIGH-PRESSURE RUBBER HOSE AND QUICKLY CONNECTOR. THE PRESSURE OF HEATED GAS WILL BE REGULATED TO 1.0 ~ 4.0MPA BY PRESSURE REGULATOR. THIRDLY, THE SECONDARY REGULATOR WILL REGULATE THE GAS PRESSURE TO USER'S REQUIREMENTS. CNG WILL BE MEASURED WHEN PASSING BY GAS FLOWMETER AND FINALLY BE INPUT TO MIDDLE PRESSURE PIPELINE .



TECHNICAL PARAMETER:

MODEL	SR-300-E	SR-500-E	SR-1000-E	SR-1500-W	SR-2000-W	SR-3000-W	SR-5000-W
FLOW RATE (NM3/H)	300	500	1000	1500	2000	3000	5000
STRUCTURE	ONE LINE OR TWO LINES						
INLET PRESSURE	25MPA						
1 ST STAGE OUTLET PRESSURE	1.0-4.0	1.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	3.0-5.0	3.0-5.0
2 ND STAGE OUTLET PRESSURE	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	1.6-2.5	1.6-2.5	1.6-2.5
3 RD STAGE OUTLET PRESSURE	--	--	--	--	0.1-0.4	0.1-0.4	0.1-0.4
OUTLET PRESSURE	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4
HEAT EXCHANGE FORM	ELECTRICAL HEATING			WATER BOILER HEATING			