

CNG MOTHER STATION COMPRESSOR

The CNG mother station is built in a place where a natural gas pipeline passes, and gas is taken directly from the natural gas pipeline. The natural gas enters the compressor unit through dechlorination, pressure regulation, metering, filtration, dehydration and other processes, and then is compressed, cooled, and purified to increase the pressure to 25Mpa. Finally, the high-pressure trailer is refilled through the refueling column, and at the same time through the gas sales. The machine refills the car.

Equipment composition: intake filter pressure regulator metering device, desulfurization tower, low pressure dehydration device, piston compressor, sequence control panel, gas cylinder group, gas dispenser, gas column, CNG trailer, gas alarm device and other equipment.

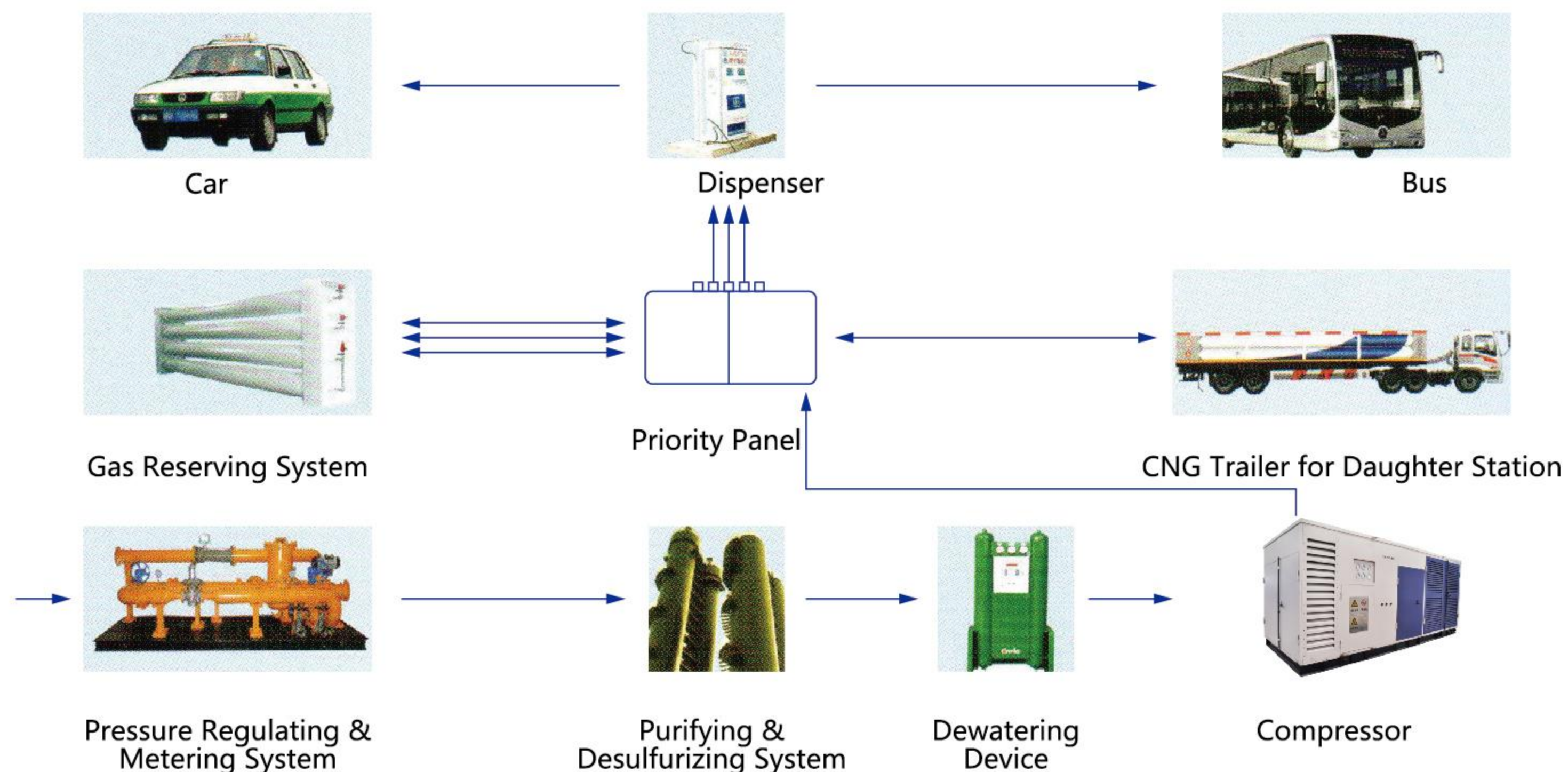
Area: about 2000~4000m²

Best transportation radius: 150km

Suitable scale: 240000Nm³/d

Equipment installation time: about 30 days.

CNG MOTHER STATION COMPRESSOR FLOW CHART



TECHNICAL PARAMETERS

No.	Model	Intake pressure (Mpa)	Air supply (Nm ³ /h)	Power (KW)	Cooling	Weight (T)	Dimensions (mm)
1	D-5/(2-4)-250	0.2~0.4	900~1500	315	Water, Air	23	5000×3500×2500
2	VF-3.2/(3~5)-250	0.3~0.5	770~1150	220	Air	14	6300×2500×2500
3	D-4.2/(3-6)-250	0.3~0.6	1000-1760	280	Water, Air	23	5000×3500×2500
4	D-3.6/(4~7)-250	0.4~0.7	1050~1730	315	Water, Air	23	5000×3500×2500
5	D-2.6/(7~12)-250	0.7~1.2	1250~2000	280	Water, Air	20	5000×3500×2500
6	VF-0.76/(7~13)-250	0.7~0.3	365~640	100	Air	8	6000×2200×2230
7	D-2.8/(8-12)-250	0.8~1.2	1350-2150	280	Water, Air	23	5000×3500×2500
8	V-2/(9-14)-250	0.9~1.4	1200-1800	280	Water, Air	12	6500×2525×2300
9	VFD-2/14-210	1.4	1800	280	Air	15	10000×4000×3000
10	D-2.5/(12-14)-250	1.2~1.4	1950-2250	280	Water, Air	23	5000×3500×2500
11	VF-2/(10~16)-250	1.0~1.6	1320~2000	280	Air	10	5600×2500×2300
12	D-2.8/(10~16)-250	1.0~1.6	1800-2850	355	Water, Air	23	5000×3500×2500
13	V-1.43/(16~20)-250	1.6~2.0	1460~1800	220	Water, Air	11	6000×2500×2250
14	D-2.4/(16-20)-250	1.6~2.0	2450-3000	355	Water, Air	23	5000×3500×2500
15	D-2.4/(16-23)-210	1.6~2.3	2450-3450	355	Water, Air	23	5000×3500×2500
16	V-1.8/(18-23)-210	1.8~2.3	2000-2590	280	Water, Air	12	6500×2525×2200
17	D-1.45/(20-35)-250	2.0~3.5	1830-3100	280	Water, Air	23	5000×3500×2500
18	V-0.8/(19~35)-250	1.9~3.5	960~1720	160	Water, Air	13	6500×2525×2200
19	VF-1/(25~40)-250	2.5~4.0	1560~2700	220	Air	13.5	4250×2525×2100
20	D-1.45/(40~60)-250	4.0~6.0	3600~5300	315	Water, Air	23	5000×3500×2100
21	D-1.3/(50-70)-250	5.0~7.0	3970~5530	315	Water, Air	23	5000×3500×2100
22	D-1.3/(60-70)-250	6.0~7.0	4758~5530	315	Water, Air	23	5000×3500×2100
23	D-1.2/(40-80)-250	4.0~8.0	4758~5530	315	Water, Air	23	5000×3500×2100
24	D-3.5/(7-10)-250	0.7~1	1680~2240	550	Air	28	6600×4300×2500



CNG STANDARD STATION COMPRESSOR

The CNG standard station is built in a place where a natural gas pipeline passes, and gas is taken directly from the natural gas pipeline. The natural gas enters the compressor unit through desulfurization, pressure regulation, metering, filtration, dehydration and other processes, and then is compressed, cooled, and purified to increase the pressure to 25Mpa. Finally, the high-pressure trailer is refilled through the refueling column, and it is also passed through the gas vending machine. Fill the car.

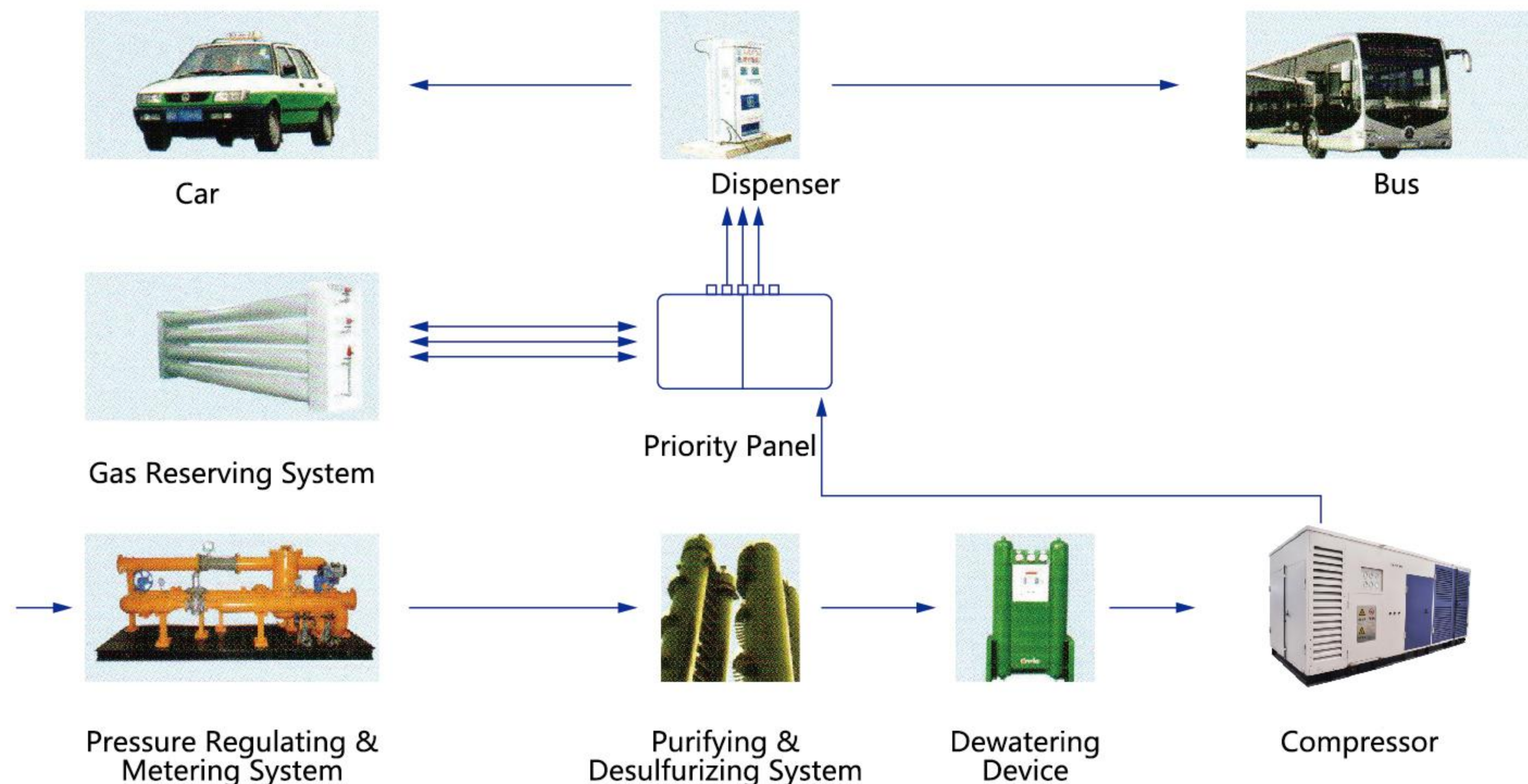
Equipment composition: intake filter pressure regulating metering device, desulfurization tower, low pressure dehydration device, piston compressor, sequence control panel, gas cylinder group, gas dispenser, gas column, CNG trailer, gas alarm device and other equipment.

Area: about 2000~4000m²

Best transportation radius: 150km

Suitable scale: 240000Nm³/d equipment

CNG STANDARD STATION COMPRESSOR FLOW CHART



TECHNICAL PARAMETERS

No.	Model	Intake pressure (Mpa)	Air supply (Nm ³ /h)	Power (KW)	Cooling	Weight (T)	Dimensions (mm)
1	W-5.6/0.5-250	0.05	500	160	Water	9	5000×2300×2200
2	W-3.6/1-250		435	110	Water	6	2400×2220×2150
3	W-4.75/1-250	0.1	570	132	Water	6	2400×2220×2150
4	W-7.5/1-250		900	270	Water	17	8500×2260×2200
5	W-4.5/1.4-250	0.14	650	160	Water	7	3820×2270×2150
6	W-4.7/2-250	0.2	850	185	Water	7	3820×2270×2150
7	WF-3.6/(1.5~2.5)-250	0.15~0.25	540~750	160	Air	14	6200×2190×2080
8	W-3.6/(1.5~3)-250	0.15~0.3	540~860	185	Water	7	4000×2270×2150
9	V-3.2/(3-5)-250		760-1150	220	风冷	14	6300×2525×2500
10	VF-3.2/(3~5)-250	0.3~0.5	770~1150	220	Air	14	6300×2500×2500
11	W-1.5/8-250	0.8	810	132	Water	8	4000×2300×2000
12	VF-2/(10~16)-250	1.0~1.6	1320~2000	280	Air	10	5600×2500×2300
13	D-5/(2~4)-250	0.2~0.4	900~1500	315	Water, Air	23	5000×3500×2500
14	D-4.2/(3~6)-250	0.3~0.6	1000-1760	280	Water, Air	23	5000×3500×2500
15	D-3.6/(4~7)-250	0.4~0.7	1050~1730	315	Water, Air	23	5000×3500×2500
16	D-2.6/(7~12)-250	0.7~1.2	1250~2000	280	Water, Air	20	5000×3500×2500
17	VF-0.76/(7~13)-250	0.7~1.3	365~640	100	Air	8	6000×2200×2230



CNG DAUGHTER STATION COMPRESSOR

The CNG daughter station is built in a place where there is no natural gas pipeline. The gas is transferred from the mother station to the station through the CNG trailer, and the gas is discharged through the unloading column, and the gas vending machine is used to refuel the car.

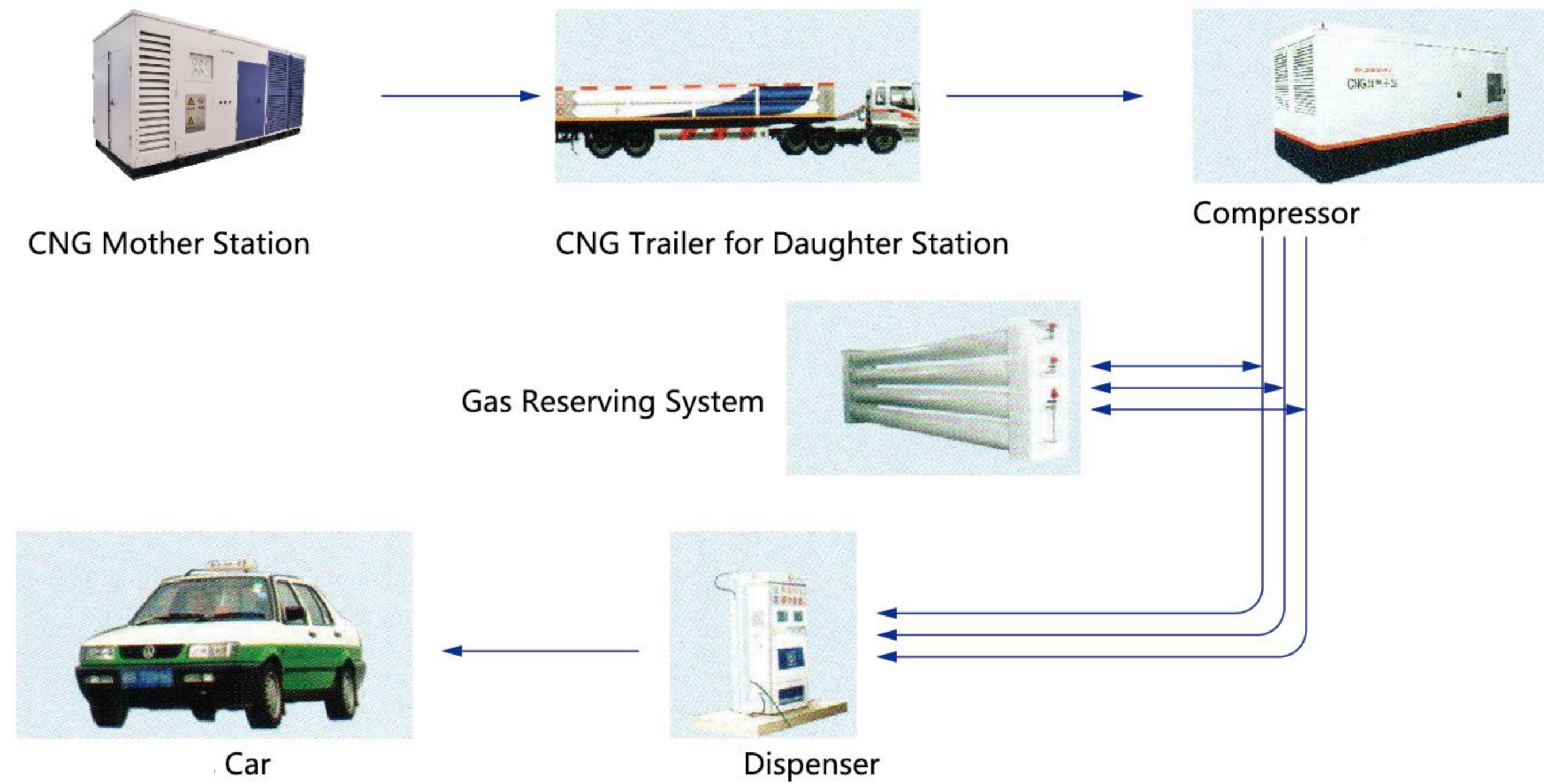
Equipment composition: unloading column, sub-station compressor, sequence control panel, gas cylinder group, gas dispenser I gas alarm device, CNG trailer and other equipment.

Area: about 1000~1500m²

Working mode: After natural balance, the average working capacity of direct intake compression and boost is above 1000 m³

The compressor displacement varies with the pressure drop of the trailer: 1800-400Nm³/h

CNG DAUGHTER STATION COMPRESSOR FLOW CHART



No.	Model	Intake pressure (Mpa)	Air supply (Nm ³ /h)	Power (KW)	Cooling	Weight (T)	Dimensions (mm)
1	VF-0.32/(30~200)-250		1500	75	Air	5.5	5538×2134×1680
2	VFD-0.32/(30~200)-250	3~20	1500	75	Air	9.65	5538×2438×2438
3	DFD-0.32/(30~200)-250		1500	75	Air	8.5	4400×2610×2591
4	VFD-0.32/(20~200)-250	2~20	1500	75	Air	9.65	5538×2438×2438
5	VF-0.26/(30~200)-250	3~20	1000	55	Air	5.5	5538×2350×2000
6	VFD-0.26/(30~200)-250	3~20	1000	55	Air	9.5	5538×2350×2438
7	ZFD-0.1/(30~200)-250 (集成子站)	3~20	650	37	Air	8.5	7000×2700×2700
8	ZFD-0.24/(30~200)-250	3~20	1400	37×2	Air	8.5	7000×2700×2700
9	KR-1500/(20~200)-250	2~20	1500	30×2	Air	10	5500×2500×2950
10	KR-2000/(20~200)-250	2~20	2000	37×2	Air	10	5500×2500×2950
11	DFD-3[0.28]/(2-4)[25~200]-250	0.2~0.4	540-900 (标兼子站)	160	Air	12.5	4050×3450×2100
		2.5~20	1300 (标兼子站)	75			

