



KANGKEER SCREW AIR COMPRESSOR

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Shanghai Kangkeer Compressor Co.,Ltd.





ABOUT US

Shanghai Kangkeer Compressor Co., Ltd.

Air system expert and industry leader in China that focus on rotary screw compressor R&D, manufacturing, sales and service. KKR factory covers an area of 110,000 square meters, ISO9001 and CE certified to assure the highest quality standards in manufacturing, KKR always insists on technology innovation, quality first, and regards these as the base of its survival in the competitive market.

As large-scale manufacturer, KKR has advanced management system and complete facilities for design, manufacturing, inspection, measurement and test system. With the advantage location at Shanghai, and manufacturing based in China, KKR always supplies the most competitive products with superexcellent quality, with dynamic and professional sales team, KKR compressors have been actively selling to all over the world, and achieved a trusted name in rotary screw compressor industry.



ISO9001



ISO14001



CE

AIR SYSTEM EXPERT MASTER THE CORE TECHNOLOGY



Third generation U type air end
CK45 steel, original world-renowned bearings
European leading technology, advanced design concept
5:6 male and female helical rotors
High precision 0.02-0.035mm working clearance between rotor gears
Large rotors and large bearings to ensure low speed
Outstanding durability and long serving life

LOW NOISE

LESS MAINTENANCE

LOW ENERGY CONSUMPTION



Germany LEITZ three coordinate measuring instrument



Germany DMG rotors process line



Japan NIIGATA for the process of rotors housing

- High performance
- Energy saving
- Reliability
- Outstanding durability

ENERGY CONSERVATION AND ENVIRONMENT PROTECTION

LOW RUNNING COST



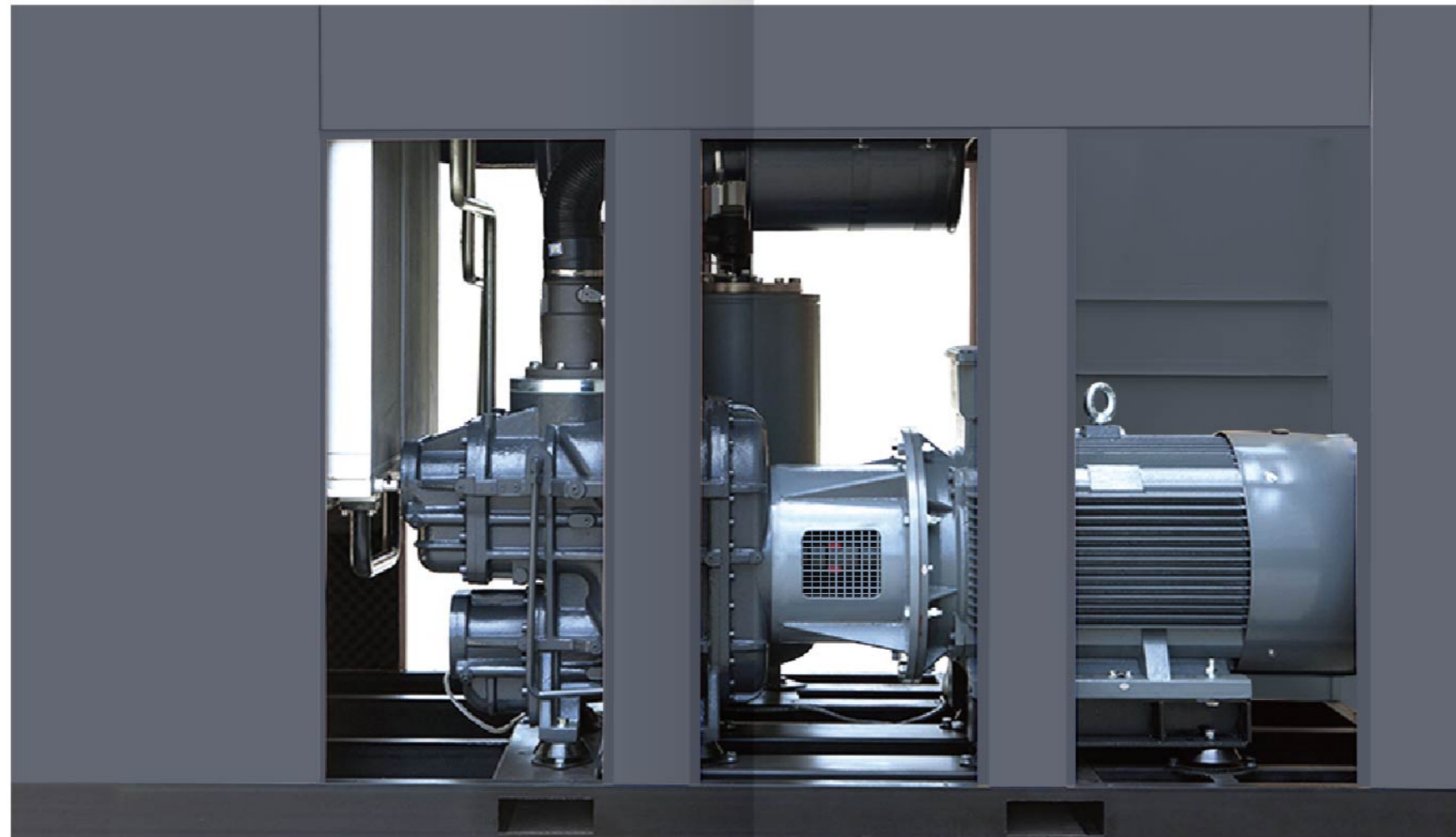
FILTER SYSTEM

Loftoll oil filter,
Loftoll air filter
Loftoll and oil separator
Equipped with differential pressure transducer,
Automatic reminding for maintenance and replacement



INTAKE VALVE

Advance air flow control system
Air delivery adjustment range 0-100%
Balance air supply and air consumption
Energy saving



INVERTER

High vector frequency converter
Maximize energy efficiency



INTELLIGENT CONTROLLER

Touch screen operation
Intelligent human-computer interface
Automatic trouble diagnosis
Automatic alarm
Equipped with remote control



AIREND (Two-stage)

European leading technology, advanced design concept
Large rotors and large bearings to ensure low speed
Linear screw rotor
Third generation 5:6 male and female helical rotors
Original world-renowned bearings
High performance, low noise, low vibration
Outstanding durability and long serving life



MOTOR

High efficiency
Energy saving
Insulation grade F
Protection grade IP54
Reliable and long lasting durability



Two-stage Screw Compressor

Model	Power kw	Discharge / Pressure (m³/min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KD-20A	15	3.0/8	2.5/10	2.0/12	1400*800*1180	G1 1/4"	490	65±2
KD-30A	22	4.1/8	3.5/10	2.7/12	1400*800*1180	G1 1/4"	610	65±2
KD-40A	30	6.7/8	4.3/10	3.8/12	1600*950*1300	G1 1/2"	760	65±2
KD-50A	37	7.6/8	6.2/10	5.6/12	1600*950*1300	G1 1/2"	830	68±2
KD-60A	45	10.1/8	7.3/10	6.8/12	2020*1300*1600	G2"	1810	68±2
KD-75A	55	13.0/8	9.6/10	8.8/12	2020*1300*1600	G2"	1850	72±2
KD-100A	75	16.0/8	13.8/10	11.0/12	2250*1400*1830	DN65	2250	72±2
KD-120A	90	20.0/8	16.0/10	14.0/12	2250*1400*1830	DN65	2480	72±2
KD-150A	110	24.3/8	22.1/10	19.0/12	3200*1550*1800	DN65	2610	72±2
KD-175A	132	28.0/8	24.0/10	22.0/12	3500*1650*2000	DN80	2820	75±2
KD-200A	160	33.9/8	30.2/10	27.0/12	3500*1650*2000	DN80	3590	75±2
KD-250A	185	40.1/8	33.1/10	30.0/12	3900*1850*2130	DN80	4630	85±2
KD-280A	200	43.0/8	40.0/10	32.0/12	3900*1850*2130	DN80	5230	85±2
KD-300A	220	45.5/8	42.3/10	35.0/12	4200*2000*2200	DN100	6150	85±2
KD-350A	250	55.0/8	45.1/10	40.0/12	4200*2000*2200	DN100	6230	85±2
KD-380A	280	60.0/8	56.0/10	45.0/12	4400*2200*2450	DN125	8020	85±2
KD-420A	315	66.0/8	60.0/10	51.0/12	4400*2200*2450	DN125	8210	85±2
KD-480A	355	74.0/8	66.0/10	60.0/12	4400*2200*2450	DN125	8620	85±2

Note: Water cooling available



Two-stage Screw Compressor with Inverter

Model	Power kw	Discharge / Pressure (m³/min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KVD-20A	15	3.0/8	2.5/10	2.0/12	1400*800*1180	G1 1/4"	510	65±2
KVD-30A	22	4.1/8	3.5/10	2.7/12	1400*800*1180	G1 1/4"	680	65±2
KVD-40A	30	6.7/8	4.3/10	3.8/12	1600*950*1300	G1 1/2"	830	65±2
KVD-50A	37	7.6/8	6.2/10	5.6/12	1600*950*1300	G1 1/2"	1150	68±2
KVD-60A	45	10.1/8	7.3/10	6.8/12	2020*1300*1600	G2"	1870	68±2
KVD-75A	55	13.0/8	9.6/10	8.8/12	2020*1300*1600	G2"	1920	72±2
KVD-100A	75	16.0/8	13.8/10	11.0/12	2250*1400*1830	DN65	2330	72±2
KVD-120A	90	20.0/8	16.0/10	14.0/12	2250*1400*1830	DN65	2560	72±2
KVD-150A	110	24.3/8	22.1/10	19.0/12	3200*1550*1800	DN65	2880	72±2
KVD-175A	132	28.0/8	24.0/10	22.0/12	3500*1650*2000	DN80	3280	75±2
KVD-200A	160	33.9/8	30.2/10	27.0/12	3500*1650*2000	DN80	3730	75±2
KVD-250A	185	40.1/8	33.1/10	30.0/12	3900*1850*2130	DN80	4810	85±2
KVD-280A	200	43.0/8	40.0/10	32.0/12	3900*1850*2130	DN80	5330	85±2
KVD-300A	220	45.5/8	42.3/10	35.0/12	4200*2000*2200	DN100	6160	85±2
KVD-350A	250	55.0/8	45.1/10	40.0/12	4200*2000*2200	DN100	6430	85±2
KVD-380A	280	60.0/8	56.0/10	45.0/12	4400*2200*2450	DN125	8270	85±2
KVD-420A	315	66.0/8	60.0/10	51.0/12	4400*2200*2450	DN125	8480	85±2
KVD-480A	355	74.0/8	66.0/10	60.0/12	4400*2200*2450	DN125	8890	85±2

Note: Water cooling available



Two-stage Screw Compressor with PM Motor & Inverter

Model	Power kw	Discharge / Pressure (m ³ /min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KVDS-20A	15	3.0/8	2.5/10	2.0/12	1400*800*1180	G1 1/4"	450	65±2
KVDS-30A	22	4.1/8	3.5/10	2.7/12	1400*800*1180	G1 1/4"	560	65±2
KVDS-40A	30	6.7/8	4.3/10	3.8/12	1600*950*1300	G1 1/2"	710	65±2
KVDS-50A	37	7.6/8	6.2/10	5.6/12	1600*950*1300	G1 1/2"	760	68±2
KVDS-60A	45	10.1/8	7.3/10	6.8/12	2020*1300*1600	G2"	1810	68±2
KVDS-75A	55	13.0/8	9.6/10	8.8/12	2020*1300*1600	G2"	1850	72±2
KVDS-100A	75	16.0/8	13.8/10	11.0/12	2250*1400*1830	DN65	2250	72±2
KVDS-120A	90	20.0/8	16.0/10	14.0/12	2250*1400*1830	DN65	2480	72±2
KVDS-150A	110	24.3/8	22.1/10	19.0/12	3200*1550*1800	DN65	2790	72±2
KVDS-175A	132	28.0/8	24.0/10	22.0/12	3500*1650*2000	DN80	3190	75±2
KVDS-200A	160	33.9/8	30.2/10	27.0/12	3500*1650*2000	DN80	3630	75±2
KVDS-250A	185	40.1/8	33.1/10	30.0/12	3900*1850*2130	DN80	4710	85±2
KVDS-280A	200	43.0/8	40.0/10	32.0/12	3900*1850*2130	DN80	5230	85±2
KVDS-300A	220	45.5/8	42.3/10	35.0/12	4200*2000*2200	DN100	6150	85±2
KVDS-350A	250	55.0/8	45.1/10	40.0/12	4200*2000*2200	DN100	6320	85±2
KVDS-380A	280	60.0/8	56.0/10	45.0/12	4400*2200*2450	DN125	8150	85±2
KVDS-420A	315	66.0/8	60.0/10	51.0/12	4400*2200*2450	DN125	8360	85±2
KVDS-480A	355	74.0/8	66.0/10	60.0/12	4400*2200*2450	DN125	8770	85±2

Note: Water cooling available

PM & Inverter Screw Compressor



Screw Compressor with PM Motor & Inverter

Model	Power kw	Discharge / Pressure (m ³ /min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KVGS-10A	7.5	1.0/8	0.9/10	0.7/12	900*550*750	G3/4"	150	62±2
KVGS-15A	11	1.8/8	1.4/10	1.0/12	1050*750*950	G1"	230	63±2
KVGS-20A	15	2.6/8	2.2/10	1.6/12	1050*750*950	G1"	260	63±2
KVGS-30A	22	3.8/8	3.4/10	2.3/12	1250*800*1130	G1 1/4"	330	63±2
KVGS-40A	30	5.2/8	4.7/10	3.2/12	1250*800*1130	G1 1/4"	350	63±2
KVGS-50A	37	6.5/8	5.8/10	4.2/12	1350*950*1250	G1 1/2"	450	68±2
KVGS-60A	45	7.6/8	6.5/10	4.8/12	1350*950*1250	G1 1/2"	510	68±2
KVGS-75A	55	10.3/8	9.3/10	6.1/12	1700*1200*1430	G2"	890	72±2
KVGS-100A	75	12.8/8	11.5/10	9.1/12	2020*1300*1600	G2"	990	72±2
KVGS-120A	90	15.8/8	13.8/10	11.0/12	2020*1300*1600	G2"	1210	72±2
KVGS-150A	110	20.6/8	17.6/10	14.5/12	3000*1550*1800	DN65	1750	75±2
KVGS-175A	132	25.2/8	22.1/10	18.2/12	3000*1550*1800	DN65	1860	75±2

Note: Water cooling available

Less Maintenance



Direct Driven Screw Compressor

Model	Power kw	Discharge / Pressure (m ³ /min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KG-10A	7.5	1.0/8	0.9/10	0.7/12	900*550*750	G3/4"	170	62±2
KG15A	11	1.8/8	1.4/10	1.0/12	1050*750*950	G1"	260	63±2
KG-20A	15	2.6/8	2.2/10	1.6/12	1050*750*950	G1"	280	63±2
KG-25A	18.5	3.1/8	2.7/10	1.8/12	1250*800*1130	G1 1/4"	370	63±2
KG-30A	22	3.8/8	3.4/10	2.3/12	1250*800*1130	G1 1/4"	390	63±2
KG-40A	30	5.2/8	4.7/10	3.2/12	1250*800*1130	G1 1/4"	410	63±2
KG-50A	37	6.5/8	5.8/10	4.2/12	1350*950*1250	G1 1/2"	530	68±2
KG-60A	45	7.6/8	6.5/10	4.8/12	1350*950*1250	G1 1/2"	580	68±2
KG-75A	55	10.3/8	9.3/10	6.1/12	1700*1200*1430	G2"	1050	72±2
KG-100A	75	12.8/8	11.5/10	9.1/12	2020*1300*1600	G2"	1180	72±2
KG-120A	90	15.8/8	13.8/10	11.0/12	2020*1300*1600	G2"	1290	72±2
KG-150A	110	20.6/8	17.6/10	14.5/12	3000*1550*1800	DN65	1520	75±2
KG-175A	132	25.2/8	22.1/10	18.2/12	3000*1550*1800	DN65	1610	75±2
KG-200A	160	27.7/8	24.6/10	21.5/12	3050*1650*2000	DN80	1970	78±2
KG-250A	185	29.9/8	26.8/10	23.2/12	3050*1650*2000	DN80	2210	78±2
KG-300A	220	35.4/8	32.2/10	26.1/12	3450*1850*2080	DN80	3210	78±2
KG-350A	250	43.1/8	39.6/10	32.3/12	3450*1850*2080	DN80	3520	78±2
KG-380A	280	49.6/8	44.8/10	34.5/12	4000*2000*2420	DN100	4130	80±2
KG-420A	315	56.1/8	50.1/10	41.2/12	4000*2000*2420	DN125	4510	82±2

Note: Water cooling available

Variable Frequency
Energy Saving



VSD Screw Compressor

Model	Power kw	Discharge / Pressure (m ³ /min) / Bar			Dimension LxWxH (mm)	Outlet connector	Weight kg	Noise dB(A)
KVG-200A	160	27.7/8	24.6/10	21.5/12	3500*1650*2000	DN80	2720	78±2
KVG-250A	185	29.9/8	26.8/10	23.2/12	3900*1850*2130	DN80	3040	78±2
KVG-300A	220	35.4/8	32.2/10	26.1/12	4000*2000*2200	DN80	3430	78±2
KVG-350A	250	43.1/8	39.6/10	32.3/12	4000*2000*2200	DN100	3850	78±2
KVG-380A	280	49.6/8	44.8/10	34.5/12	4200*2200*2500	DN125	4460	80±2
KVG-420A	315	56.1/8	50.1/10	41.2/12	4200*2200*2500	DN150	4940	82±2

Note: Water cooling available



Refrigerated Air Dryer

Model	Capacity m ³ /min	Outlet connector	Weight kg	Dimension LxWxH (mm)
KHC-10A	1.2	G1"	60	430x650x690
KHC-15A	1.7	G1"	60	430x650x690
KHC-20A	2.6	G1"	65	450x750x790
KHC-30A	3.8	G1"	80	450x700x920
KHC-40A	5.3	G1 1/2"	105	500x850x970
KHC-50A	6.6	G1 1/2"	135	500x850x970
KHC-60A	7.4	G1 1/2"	185	560x900x1070
KHC-75A	10.3	G2"	195	670x1180x1160
KHC-100A	13.5	G2"	225	670x1180x1160
KHC-120A	16.2	G2 1/2"	260	670x1280x1170
KHC-150A	21.6	DN80	326	1360x710x1230
KHC-175A	25.2	DN80	433	1650x820x1441
KHC-200A	28.3	DN80	469	1650x820x1441
KHC-250A	33	DN80	495	1650x820x1441
KHC-300A	36	DN80	520	1650x820x1441
KHC-400A	45	DN100	630	1810x950x1712

Note: 1.2 - 300m³/min available
Water cooling available

Precision Filter

Model	Capacity m ³ /min	Outlet connector	Weight kg	Dimension WxH (mm)
KPF-1	1	G1"	1.5	105x240
KPF-2	2	G1"	1.9	105x280
KPF-4	4	G1 1/2"	2.3	123x350
KPF-5	5	G1 1/2"	2.5	123x480
KPF-7	7	G1 1/2"	2.6	123x480
KPF-10	10	G2"	3.7	135x605
KPF-13	13	G2"	3.8	135x605
KPF-18	18	G2 1/2"	12.5	150x915
KPF-22	22	G2 1/2"	12.8	150x915
KPF-25	25	G2 1/2"	13.9	150x1010
KPF-30	30	DN80	35	360x1225
KPF-35	35	DN80	45	360x1225
KPF-40	40	DN80	75	410x1325
KPF-45	45	DN100	81	410x1335
KPF-60	60	DN125	118	520x1361
KPF-88	88	DN125	153	545x1530

Note: 1 - 300m³/min available



Air Receiver

Volume / Pressure (m ³ / Bar)	Overall Height H1 (mm)	ID (mm)	Air Inlet		Air Outlet		Safety Valve connector	Drain Valve connector
			Height H2 (mm)	connector	Height H3 (mm)	connector		
0.3 / 8	1509	550	542	Rp1 1/2	1142	Rp1 1/2	Rp1/2	Rp1/2
0.3 / 10	1509		542		1142			
0.3 / 13	1513		544		1144			
0.3 / 16	1513		544		1144			
0.6 / 8	1944	650	552	Rp1 1/2	1552	Rp1 1/2	Rp1/2	Rp1/2
0.6 / 10	1946		553		1553			
0.6 / 13	1948		554		1554			
0.6 / 16	1946		553		1552			
1.0 / 8	2130	800	640	Rp2	1770	Rp2	Rp3/4	Rp1/2
1.0 / 10	2132		641		1771			
1.0 / 13	2130		640		1772			
1.0 / 16	2132		641		1771			
1.5 / 8	2224	950	747	Rp2	1807	Rp2	Rp3/4	Rp1/2
1.5 / 10	2226		747		1808			
1.5 / 13	2224		748		1807			
1.5 / 16	2226		750		1808			
2.0 / 8	2780	1000	760	Rp2	2320	Rp2	Rp1 1/4	Rp1/2
2.0 / 10	2780		760		2320			
2.0 / 13	2782		761		2321			
2.0 / 16	2786		763		2323			
2.5 / 8	3300	1000	760	DN80	2840	DN80	Rp1 1/4	Rp1/2
2.5 / 10	3300		760		2840			
2.5 / 13	3302		761		2840			
2.5 / 16	2836		788		2841			
3.0 / 8	2920	1200	850	DN80	2410	DN80	Rp1 1/2	Rp3/4
3.0 / 10	2922		851		2411			
3.0 / 13	2926		853		2413			
3.0 / 16	2926		853		2413			
4.0 / 8	3032	1400	861	DN100	2471	DN100	Rp1 1/2	Rp3/4
4.0 / 10	3032		861		2471			
4.0 / 13	3036		863		2473			
4.0 / 16	3040		865		2473			
5.0 / 8	3632	1400	861	DN100	2921	DN100	Rp2	Rp3/4
5.0 / 10	3632		861		2921			
5.0 / 13	3656		863		2943			
5.0 / 16	3660		865		2945			
6.0 / 8	4332	1400	911	DN125	3621	DN125	Rp2	Rp3/4
6.0 / 10	4332		911		3621			
6.0 / 13	4346		913		3633			
6.0 / 16	4350		915		3635			
8.0 / 8	3154	2000	1082	DN125	2362	DN125	Rp2	Rp3/4
8.0 / 10	3156		1083		2363			
8.0 / 13	3190		1100		2380			
8.0 / 16	3194		1102		2382			
10.0 / 8	3754	2000	1082	DN150	2962	DN150	Rp2 1/2	Rp3/4
10.0 / 10	3756		1083		2963			
10.0 / 13	3790		1100		2980			
10.0 / 16	3794		1102		2982			

Note: 0.3-40m³ available

Air Receiver Drawing

