



Technology From TAIWAN



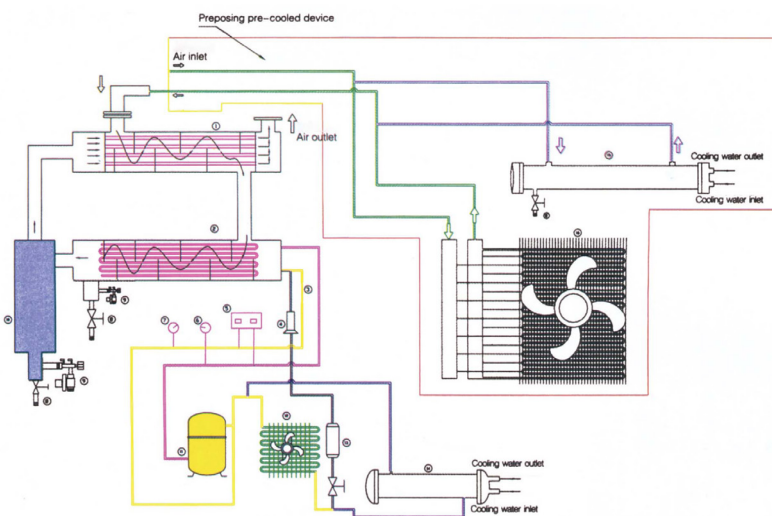
REFRIGERATED AIR DRYER



PRODUCT FEATURE

- The machine adopts famous refrigeration compressor and runs smoothly with low noise high energy-efficiency rate and safety.
- The refrigeration parts of DANFOSS from Denmark or ALCO from USA are of outstanding performance .Teat exchanger is composed of high efficient threaded heatexchange tube featuring high heat exchanging efficiency lightness and compactness . the cylinder body is made of stainless steel or carbon steel tube .
- Condensed water is discharged by a floating ball or power driven timing drainer and is provided with an anti-blocking device to ensure smooth drainage.
- The machine designed is pleasing ,reasonable in structure as for the convenience of maintenance and repair. When mounting a box-like machine set, there is no need to install footing course.
- The machine set can maintain constant evaporating pressure to make the surface of the evaporator be at constant temperature as well as to previous freezing of condensed water inside due to over low evaporating pressure and ultimately affect the heat exchange of machine set
- It applies LGB electrical components from Korea or other brands which ensure reliable quality and safety

SYSTEM FLOWCHART



- Precooler
- Evaporator
- Capillary
- Expansion Valve
- High-low voltage protection
- Low pressure gauge
- High pressure gauge
- Manual drinage
- E-drianage
- Gas-water seperator
- Compressor
- Air Cooled type condenser
- Dry filler
- Water cooled type condenser
- The back of water cooled type condenser
- The back of air cooled type condenser

Model	Air flow (m ³ /min) Scim		Power (HP)	Power Supply	Connector	Dimension			Weight (kg)	Refrigerant
	L	W				H				
AD-7.5AC	1.0	35	0.3	220/1PH/50Hz	1"	620	410	650	38	R134a
AD-10AC	1.5	53	0.35	220/1PH/50Hz	1"	750	420	740	52	R134a
AD-15AC	2.0	71	0.5	220/1PH/50Hz	1"	750	420	740	65	R134a
AD-20AC	2.6	88	0.5	220/1PH/50Hz	1 1/2"	800	440	810	73	R134a
AD-25AC	3.0	106	0.75	220/1PH/50Hz	1 1/2"	800	440	810	80	R134a
AD-30AC	3.8	124	0.75	220/1PH/50Hz	1 1/2"	930	500	890	92	R134a
AD-40AC	5.1	176	1	220/1PH/50Hz	1 1/2"	930	500	890	100	R407c
AD-50AC	6.7	230	1.5	220/1PH/50Hz	1 1/2"	1000	570	980	115	R407c
AD-60AC	8.1	282	1.5	220/1PH/50Hz	1 1/2"	1000	570	980	136	R407c
AD-75AC	10.7	371	2	220/1PH/50Hz	2"	1100	600	1070	160	R407c
AD-100AC	13.8	477	2.75	380/3PH/50Hz	2 1/2"	1240	600	1070	210	R407c
AD-120AC	15.1	530	4	380/3PH/50Hz	2 1/2"	1240	600	1070	235	R407c
AD-150AC	20	706	5	380/3PH/50Hz	3"	1500	800	1400	265	R407c
AD-180AC	25	883	5.5	380/3PH/50Hz	3"	1500	800	1400	293	R407c
AD-200AC	27.5	1006	5.8	380/3PH/50Hz	3"	1500	800	1400	325	R407c
AD-250AC	30	1059	7.5	380/3PH/50Hz	3"	1500	800	1400	386	R407c
AD-300AC	35.5	1236	7.5	380/3PH/50Hz	4"	2100	950	1530	430	R407c
AD-400AC	45.6	1360	7.5	380/3PH/50Hz	4"	2100	950	1530	430	R407c
AD-500AC	55.0	1942	12	380/3PH/50Hz	DN125	2600	850	1700	1480	R407c
AD-600AC	65.0	2295	15	380/3PH/50Hz	DN125	2800	900	1750	1530	R407c
AD-800AC	85.0	3002	20	380/3PH/50Hz	DN150	2850	900	1750	1900	R407c
AD-1000AC	110	3885	25	380/3PH/50Hz	DN150	2850	900	1800	2300	R407c

- AD-AC Series Air-Cooled Type Air dryer, Air inlet temperature Max 80 °C.
- AD-WS Series Water-Cooled Type Air dryer, Air inlet temperature Max 80 °C.
- Pressure dew point 2-8 °C.
- Ambient temperature 10-45 °C.
- Working pressure 7bar Max 13bar.
- Air In-Out pressure drop < 3Psig.