

Air Dryer



Technical Data (Silver Star Series)

Model	Capacity	Working Pressure	Connections	Refrigerant	Power Supply	Condenser Type	Nominal Power Consumption	Over Dimensions in mm			All in	Approx weight (kgs.)
	CFM	kg/cm2	BSP		v/ph		kw	L	B	H		
AM-15	15	16	1/2"	R 134a	220/1	Air	0.19	400	500	550		32
AM-25	25	16	1/2"	R 134a	220/1	Air	0.19	400	500	550		32
AM-45	45	16	1/2"	R 134a	220/1	Air	0.37	400	500	550		35
AM-60	60	16	3/4"	R 134a	220/1	Air	0.37	550	550	730		60
AM-80	80	16	3/4"	R 134a	220/1	Air	0.60	550	550	730		65
AM-100	100	16	1 1/2"	R 134a	220/1	Air	0.60	700	750	900		78
AM-150	150	16	1 1/2"	R22	220/1	Air	1.40	700	750	900		90
AM-200	200	16	1 1/2"	R22	220/1	Air	1.40	700	750	900		92
AM-250	250	16	1 1/2"	R22	220/1	Air	1.70	700	750	900		155

Technical Data (Gold Star Series)

Model	Capacity	Working Pressure	Connections	Refrigerant	Power Supply	Condenser Type	Nominal Power Consumption	Over Dimensions in mm			All in	Approx weight (kgs.)
	CFM	kg/cm2	BSP		v/ph		kw	L	B	H		
AM-300	300	14	2"	R 134a/R22	440/3	Air	1.70	900	770	1250		155
AM-400	400	14	2"	R 134a/R22	440/3	Air	2.30	1000	800	1500		164
AM-500	500	14	3"	R	440/3	Air	2.30	1500	1500	1750		250

500				134a/R22							
AM-600	600	14	3"	R 134a/R22	440/3	Air	3.10	1500	1500	1750	250
AM-800	800	14	3"	R 134a/R22	440/3	Air	4.20	1500	1500	1750	360
AM-1000	1000	14	4"	R 134a/R22	440/3	Air/water	5.80	1500	1500	1750	400
AM-1500	1500	14	5"	R 134a/R22	440/3	Air/Water	7.80	1500	1700	2250	640
AM-2000	2000	14	6"	R 134a/R22	440/3	Air/Water	9.90	1500	1700	2250	770

Data refer to the following nominal condition: Ambient temperature of 40 C, with inlet air at 7 barg and 45 C and 4 C Pressure dew point (-22 C atmospheric pressure dew point)

Correction Factor

Inlet pressure (bar)	4	5	6	7	8	10	12	16
Correction Factor (K1)	0.82	0.89	0.95	1.00	1.05	1.09	1.13	1.18
Ambient Temperature (C)	25	30	35	40	45	50		
Correction factor (K2)	1.19	1.11	1.09	1.00	0.91	0.83		
Ambient Temperature (C)	35	40	45	50	55	60		
Correction factor (K2)	1.34	1.15	1.00	1.88	0.79	0.71		

Salient Feature

(1) CFC free, eco-friendly refrigerant. (2) Constant dew point at all varying load. (3) Two stage effective moisture separation. (4) Lower power consumption (5) Built with necessary protectors for electrical & refrigeration systems. (6) Most modern refrigerant system components and pressure switches. (7) Automatic, Maintenance free and user friendly. (8) Compact design, requires less floor space.