

SM

REFRIGERANT DRYER



Evaporative Aluminum
Made in Italy
Warranty 3 Year



Compressor
Made in Japan
Refrigerant R410,R407

Model	Capacity (Nm ³ /min)	Refrigerant	Supply	Related Power (kW)	Weight (kg)	Connection	L*M*H (mm)
SMD016L	1.6	R410A	220V50HZ/1PH	0.41	35	G1	530*410*635
SMD026L	2.6	R410A	220V50HZ/1PH	0.75	42	G1	530*410*635
SMD038L	3.8	R410A	220V50HZ/1PH	0.77	55	G1-1/2	530*535*750
SMD065L	6.5	R410A	220V50HZ/1PH	1.23	70	G1-1/2	530*535*750
SMD085L	8.5	R410A	220V50HZ/1PH	1.62	80	G1-1/2	530*535*750
SMD115L	11.5	R410A	220V50HZ/1PH	2.38	110	G2	850*750*920
SMD135L	13.5	R410A	220V50HZ/1PH	2.65	120	G2	850*750*920
SMD170L	17.0	R410A	220V50HZ/1PH	3.25	150	G2-1/2	920*850*1150
SMD200L	20.0	R407C	380V50HZ/3PH	2.93	170	G2-1/2	920*850*1150
SMD250L	25.0	R407C	380V50HZ/3PH	3.58	200	G3	920*850*1150
SMD340L	34.0	R407C	380V50HZ/3PH	4.96	320	DN100	1150*1050*1600
SMD400L	40.0	R407C	380V50HZ/3PH	5.53	335	DN100	1150*1050*1600
SMD500L	50.0	R407C	380V50HZ/3PH	7.47	350	DN100	1150*1050*1600
SMD600L	60.0	R407C	380V50HZ/3PH	8.88	500	DN150	2160*1050*1600
SMD750L	75.0	R407C	380V50HZ/3PH	10.75	550	DN150	2160*1050*1600
SMD800L	80.0	R407C	380V50HZ/3PH	11.34	600	DN150	2160*1050*1600
SMD1000L	100.0	R407C	380V50HZ/3PH	14.55	650	DN150	2160*1050*1600

Standard Conditions

Environmental temp 35°C; Inlet temp < 45°C.
Inlet pressure > 0.7 Mpa; Under standard operating conditions, the pressure dew point is 2-10°C; ipsu

Extreme Conditions

Environmental temp < 45°C; Inlet temp < 60°C
Inlet pressure > 0.5 Mpa; Equipment pressure: below SMD135L (including) ≤ 1.6 Mpa; above SMD170L (including) ≤ 1.3 Mpa

Selection and processing capacity = Actual nominal volumetric flow rate (m³/min) / KA / KB

Correction coefficient KA for work

0.3	0.4	0.5	0.6	0.7	0.8	1
0.65	0.8	0.88	0.92	1	1.04	1.11

Intake air temperature correction coefficient

20	25	30	35	38	40	45
1.25	1.15	1.1	1.05	1	0.9	0.78

SM Refrigerant Dryer



Excellent performance

- Efficient plate fin heat exchanger
- Professional water removal function
- Low relative humidity of outlet air
- Dewpoint 2-10°C

Energy saving and carbon

Compared to shell and tube refrigerant air dryer, the energy consumption is reduced by 50%

Optimized refrigeration system

Safe and reliable

- Industrial grade refrigerant compressor
- Optimized pipeline connection, reducing welding points to 5
- Intelligent controller



Sturdy structure

The design of the box board is sturdy and durable, ensuring the safety and reliability of equipment installation and operation



Intelligent temperature controller

Display dew point. Condensation temperature operation mode. Remote start stop of fault information Lorem ipsum



Famous compressors

All series of products use refrigeration compressors such as Hitachi, Invac, and Danfoss Danfoss



Efficient aluminum plate fin heat exchanger

Aluminum magnesium alloy material is corrosion-resistant and rust proof, with efficient heat exchange and built-in wire mesh separator, achieving good water removal



Electronic drain valve

Time module, reliable and durable interval drainage, fully automatic, maintenance free