



# REFRIGERATED AIR DRYER

## IDFA100F-40-F

The SMC IDFA Series of refrigerated air dryers are the result of over 40 years of experience combined with the latest compressed air and refrigeration technology. Built according to international standards and recognized by SMC's BS EN ISO 9001 quality certification. The IDFA Series has thirteen standard models with nominal capacities ranging from 12 – 1.340 m<sup>3</sup>/h. SMC IDFA refrigerated air dryers with an F at the end of the model number comply with the European F-Gas Regulation (EU 2024/573). Models IDFA3E-23-F to IDFA15E-23-FK use refrigerant R1234yf, while models IDFA60-23-F to IDFA150F-40-F use refrigerant R454C (HFC).

### FEATURES

- Innovative design ensures a constant +3 degrees °C pressure dew point
- High efficiency heat exchanger
- Environmentally ozone friendly refrigerants
- Conforms to stringent ISO8573-1 standard
- Simple control system with easy to read evaporator gauge
- Compact design for easy installation
- High performance, reliable and trouble-free



### Specifications

Brand	SMC
Weight (kg)	245
Refrigerant	R454C (HFC)
Airconnection	R 2
Airpress max. (MPa)	0,15 - 1,0 (1,6)*
mm A	690
mm B	1120
mm C	1276
Ambient temp.	2 - 45
Power cons. (W)	2500
Inlet air temperature	5 - 60
Power Supply (V)	3 Phase 400V AC 50 Hz
Flowrate at 3°C Pressure dew point	860
Flowrate at 10°C Pressure dew point	960
EAN	8717981472215