

DIESEL SPIN-ON SERIES

110A - 120A - 140

Maximum protection in minimum space

The 110A is designed for fuel-injected gasoline engines with high working pressures and also can be used on diesel engines. A metal housing is standard.

Other models in the 100 Series, the 120A and 140, offer reliable protection for smaller diesel and gasoline engines used in generator sets, pressure washers and other equipment. Their compact size fits tight mounting locations and multiple ports offer installation flexibility.



Model 120A



Model 230

215 - 230 - 245

Improved for greater versatility

The 215, 230 and 245 filter/separators come standard with an integral priming pump and a new see-thru contaminant bowl which can operate in applications up to 30 psi. Another design upgrade is the optional 200-watt in-bowl heater for colder operating conditions. Applications include light-duty and medium-duty trucks and vehicles, construction, agricultural and other diesel-powered equipment.

For marine rated filters see brochure #7501.



LOW FLOW

MODEL	110A	120A	140	215	230	245
Maximum Flow Rate	15 gph / 57 lph Diesel 35 gph / 132 lph Gas	15 gph / 57 lph	15 gph / 57 lph	15 gph / 57 lph	30 gph / 114 lph	45 gph / 170 lph
Gasoline or Diesel ¹	Both	Both	Both	Diesel	Diesel	Diesel
Vacuum Installation	Yes	Yes	Yes	Yes	Yes	Yes
Pressure Installation	Yes	Yes	Yes	Yes	Yes	Yes
Maximum PSI / kPa	100 psi / 690 kPa	7 psi / 48 kPa	7 psi / 48 kPa	30 psi / 207 kPa	30 psi / 207 kPa	30 psi / 207 kPa
Clean Pressure Drop PSI/kPa	0.15 psi 1.03 kPa	0.15 psi 1.03 kPa	0.01 psi 0.07 kPa	0.12 psi 0.83 kPa	0.31 psi 2.14 kPa	0.61 psi 4.21 kPa
No. of Ports	4	4	2	3	3	3
Port Size	1/4" NPT/ M14 x 1.5	1/4" NPT/ M14 x 1.5	1/4" NPT/ M14 x 1.5	1/4" NPT/ M14 x 1.5	1/4" NPT/ M14 x 1.5	1/4" NPT/ M14 x 1.5
Integral Primer Pump ³	No	No	No	Yes	Yes	Yes
Replacement Element No. ⁴	R11	R12	R12	R15	R20	R25
Bowl/See-Thru	No	Yes	Yes	Yes	Yes	Yes
Bowl/Metal ¹	STD	Yes	Yes	Yes	Yes	Yes
Drain Type	Positive Seal	Positive Seal	Positive Seal	Positive Seal	Positive Seal	Positive Seal
Water Sensor Option ⁵	Yes	Yes	Yes	Yes	Yes	Yes
Electric Heater Option ⁵ (12V/24V)	No	No	No	Yes	Yes	Yes
Height	6" / 152mm	6.5" / 166mm	6" / 152mm	8.3" / 211mm	9" / 229mm	10.5" / 267mm
Width	3.2" / 81mm	3.2" / 81mm	3.2" / 81mm	4" / 102mm	4" / 102mm	4" / 102mm
Depth	3.2" / 81mm	3.2" / 81mm	3.2" / 81mm	4" / 102mm	4" / 102mm	4" / 102mm
Weight	1.3 lbs / 0.59 Kg	1.1 lbs / 0.50 Kg	1.1 lbs / 0.50 Kg	1.8 lbs / 0.80 Kg	2 lbs / 0.90 Kg	2.2 lbs / 1.0 Kg

- Notes: (1) Metal bowls should be used for gasoline installations.
 (2) Pressure installations are applicable up to the maximum PSI/kPa shown.
 (3) Models with integral primer pumps are not recommended for gasoline applications.
 (4) Replacement element micron rating can be specified as "S" for 2 micron, "T" for 10 micron, or "P" for 30 micron, except for R11.
 (5) Not for use with gasoline applications.