

# Spray Dryer Recommended Accessories

## Air Compressor & Air Combination

### Air Compressor SL100-8

For Spray Dryer ADL311SA, GB-210A, GB-210B, DL-410



- Provides a stable source of oil free air
- Noiseless and oil free
- High flow, low noise, low vibration and low maintenance
- Automatic control and smooth operation

#### Specifications

Brand	SMTmax	
Model	SL100-8 (110V)	SL100-8 (220V)
Horsepower	2 x 3/4 HP	
Power	2X 550 W	
Starting Pressure (Mpa)	0.5	
Max Pressure (Mpa)	0.8	
Noise dB(A)	55	
Speed (r/min.)	1680	
Capacity (L/min)	220	
Cu. Ft. Delivered @ 115 PSI	7.8 CFM	
Tank	42 L (11 gal)	
Dimensions (L x W x H)	84 x 41 x 63 cm 33 x 16 x 25 in	
Voltage	110V, 50/60Hz, 10A	220V, 50/60Hz, 8A
Weight	47 kg (104 lbs)	

### Air Combination 212789

For Spray Dryer ADL311SA, GB-210A, GB-210B

- To guarantee moisture-free, oil-free and clean air spray drying
- Element and bowl in one-piece for easy replacement (AF)
- Energy saving regulator (AR)
- Transparent bowl guard provides 360° visibility

#### Specifications

Product name		Product code
Air combination		212789
Components	Air Filter [AF]	AF20
	Mist Separator [AFM]	AFM20
	Regulator [AR]	AR20

Model	AF20+AFM20+AR20
Ambient and fluid temperature	-5~60°C (with no freezing)
Max. operating pressure	145psi (1.0MPa)
Min. operating pressure	7.3psi (0.05MPa)
Set pressure range	7.3-102psi (0.05-0.7MPa)
Nominal filtration rating [AF/AFM]	AF: 5µm, AFM: 0.3µm (99.9 filtered particle size)
Outlet side oil mist concentration[AFM]	Max 1.0mg/m <sup>3</sup> (ANR) (≈0.8ppm)*
Bowl material [AF/AFM]	Polycarbonate
Bowl guard [AF/AFM]	Semi-standard (steel)
Weight	~0.39kg

\*When the compressor oil mist discharge concentration is 30mg/m<sup>3</sup> (ANR). Bowl seal and other o-rings are slightly lubricated.



#### Dimension (mm)

