

1. TECHNICAL SPECIFICATION

Model	SAL-300C	SAL-300CE	SAL-800G (SAL-800GE)	SAL-800G2
Motor Type	Carbon Brush		Induction	
Motor Spec.	1KW, 1 ϕ		1HP, 3 ϕ	2HP, 3 ϕ
Capacity (Kg/h)	300		300	550
Max. Static Air Pressure (mmHg)	1300		1440	1800
Hopper Vol. (L)	6		6	10
Suction Tube Inner Dia.	ϕ 38 mm		ϕ 38mm	ϕ 38mm
Host Dim. (cm)	54x41x36	59x41x36	66x42x37	66x42x37
Hopper Dim. (cm)	-	-	43(51)x36x26	49x44x31
Host Wt (Kg)	11	10	45	55
Hopper Wt (Kg)	-	-	6	7

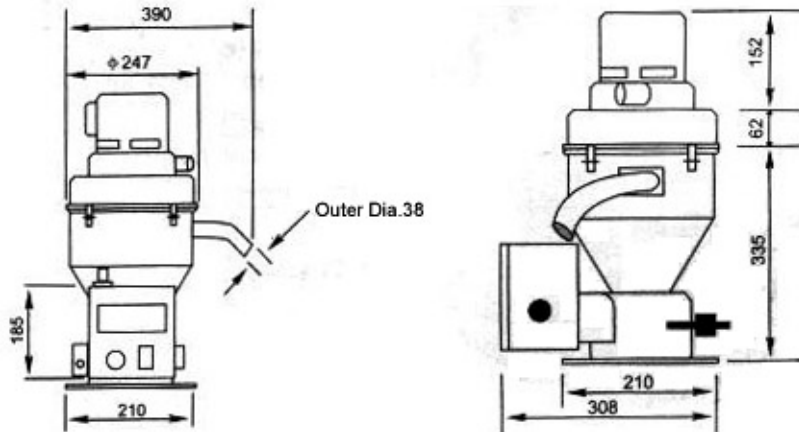
2. STRUCTURE

- A₁, A₂ -- Air Inlet
- B -- Base
- C -- Cover
- E -- Switch Box
- F -- Filter Mantle
- H -- Material Hopper
- I -- Material Inlet
- L -- Snap Link
- M -- Main Body
- O -- Air Outlet
- P -- Motor Protect Cover
- S -- Startup Cabinet
- T -- Motor
- Y -- Magic Eye (SAL-300CE only)

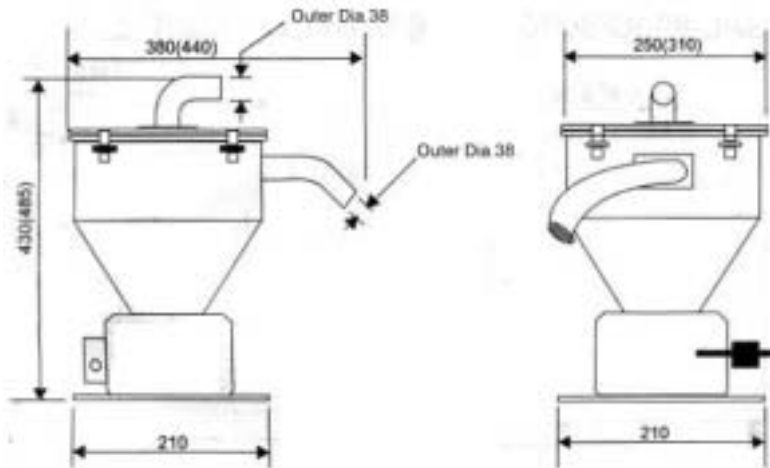


3. EXTERNAL DIMENSION

● SAL-300C

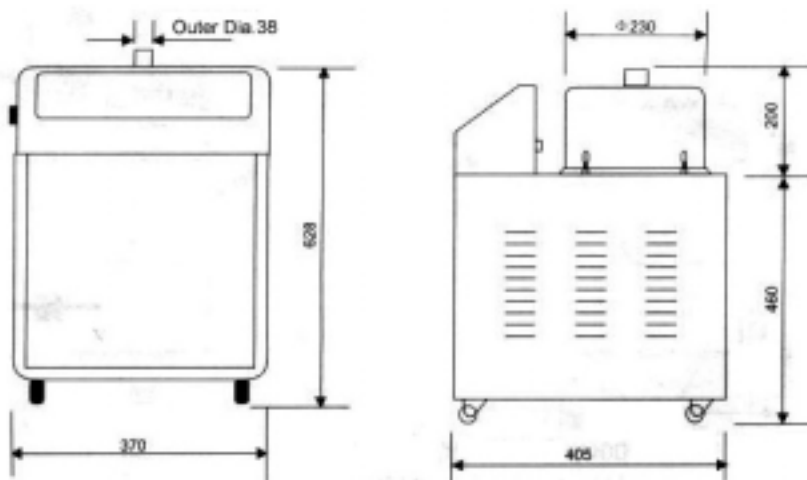


● SAL-800G / 800G2 (Material Hopper)



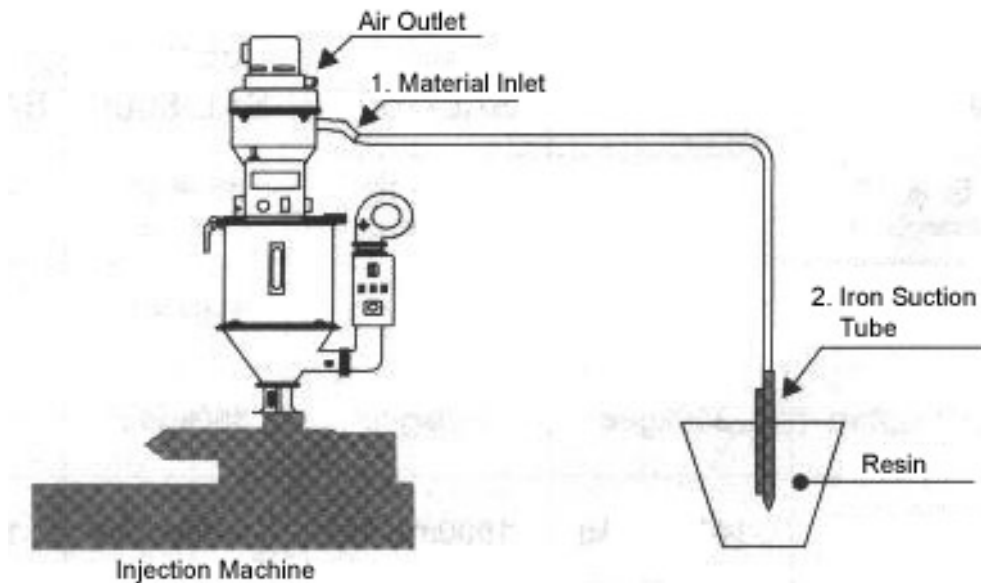
() Dimension of Material Hopper for SAL-800G2

● SAL-800G / 800G2 (Main Controller)



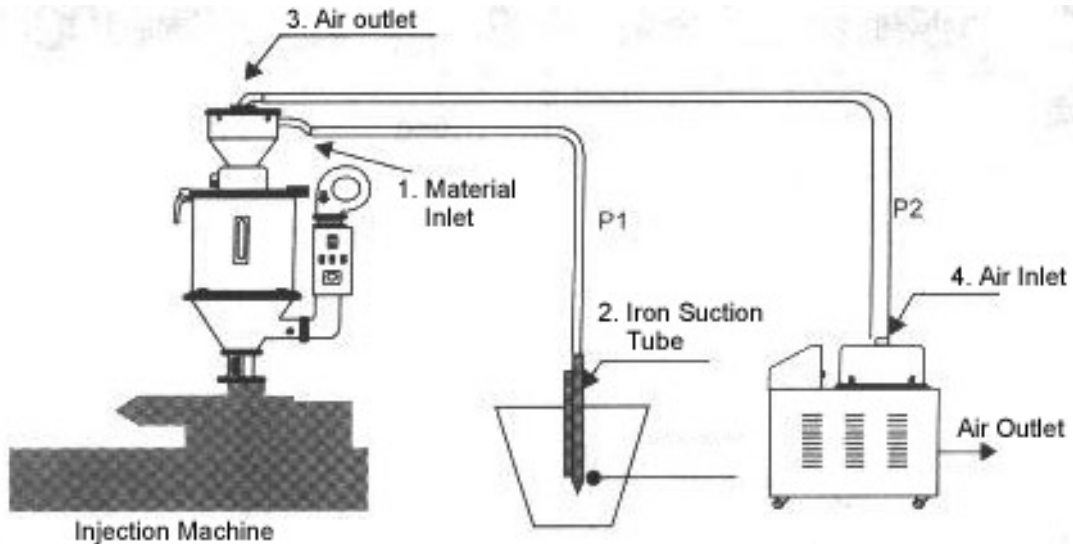
4. INSTALLATION

● SAL-300C / 300CE



- Install SAL-300C/E onto the top of hopper dryer (refer to above figure);
- Connect one end of suction tube (conveying tube) to material inlet (1), and the other end to iron suction tube (2);
- Insert iron suction tube (2) into resin;
- Power supply for SAL300C/E is 220V, 1Ø, 3-wiring. Connect the black and white wires to power, and green one to the ground.

● SAL-800G / 800G2



- Install the material hopper of SAL-800G onto the top of hopper dryer (refer to above figure), and place the main body of SAL-800G at a proper position on the ground;
- Connect the signal cord of material hopper to main body of SAL-800G;
- Connect one end of suction tube P1 (conveying tube) to material inlet (1), and the other end to iron suction tube (2);
- Connect one end of suction tube P2 to air outlet (3), and the other end to air inlet (4);
- Insert iron suction tube (2) into resin;
- Power supply for SAL800G is 380V, 3Ø, 4-wiring.

5. OPERATION

● SAL-300C / 300CE

◆ Operation Method

1. Set material loading time to a proper time (20 seconds for general materials).
2. Press power switch to start operation.








◆ Note

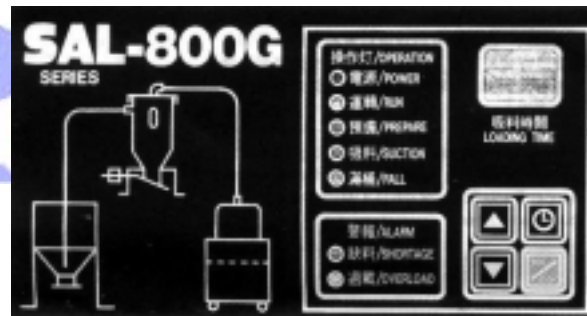
1. Loading time is usually set to feed 90% capacity of the material hopper.
2. Check suction filter periodically and clean filter screen if necessary.
3. Clean filter screen immediately when the suction force is decreasing.





● SAL-300C / 300CE

◆ Operation


1. Press button , then current function status will be displayed, e.g., C1.
2. Press button   to set the loading time (20 seconds for general materials).
3. Press button , and the operation will proceed automatically. Press  again to stop.
4. Press button   at the same time to reverse the operating direction of motor for dust cleaning (for SAL-800 series only).



◆ Note

1. Once running out of material or if the motor is overloaded, the operation will stop and sound the alarm. Press  button to turn off the alarm. After refilling the material or reset the thermo-relay, press  button again to resume the operation.
2. Clean the filter periodically to ensure smooth loading.

◆ Function Setting

Press  button to select function type:

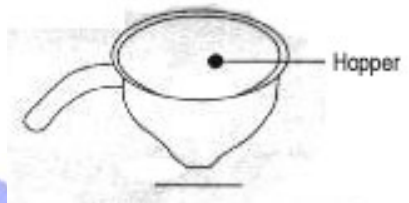
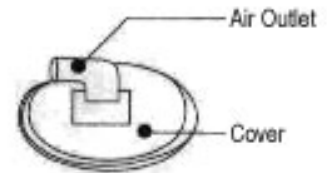
1. C1: Automatic loading with material shortage alarm.
2. C2: 5 sec. automatic filter cleaning or loading presentation, then automatic loading with material shortage alarm (optional, made-to-order).
3. C3: Automatic reverse running of motor for dust cleaning before loading with material shortage alarm (for SAL-800 series only).
4. C4: Automatic loading with alarm after 3 times of continual material-shortage.

6. CLEAN

● To Clean Filter Screen

There is built-in filter screen inside the material hopper of SAL-300C/800G.

To avoid air blocking and get smooth conveying, clean the filter screen periodically or when suction force is reduced.

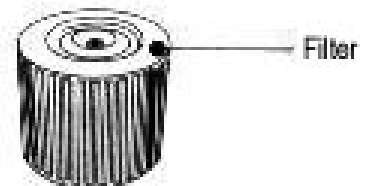
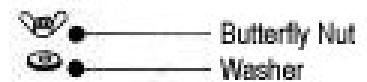
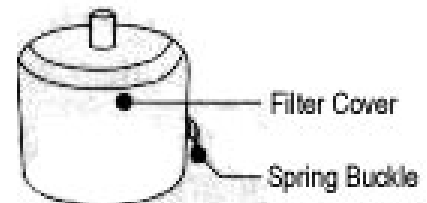


● To Clean Air Filter (for SAL-800G series only)

Clean the suction filter regularly or when loading capacity is reducing, thus to avoid clogging.

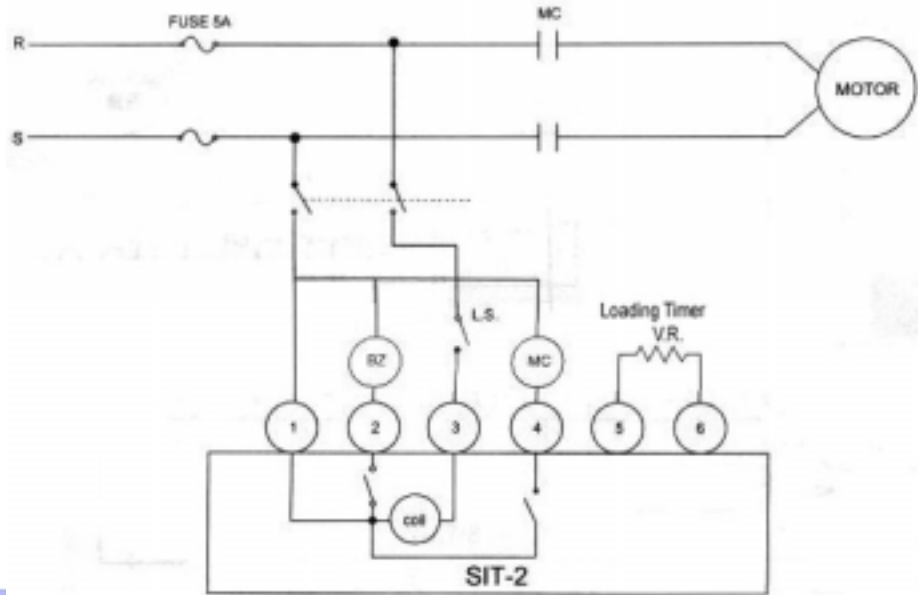
Procedure to clean filter:

1. Release the spring buckle, remove filter cover and release the nut;
2. Take out the filter, and clean it to ensure strong suction.



7. ELECTRIC DIAGRAM

● SAL-300C / 300CE



● SAL-800G / 800G2

