

CHECKPOINTS ON TROUBLE

BLOVAC CLEANER

TROUBLE CHECKPOINTS

TREATMENT

Extremely Weak Suction or No Suction At All

Is the air fiercely being exhausted from the ejector nozzle of the cleaner? → No exhaust of air
Cause : The compressed air is not connected properly, or the air valve is not set to open (ON).

Check the connection with the air compressor, and also set the air valve to open (ON).

When you lift up the cleaner with the handle under the conditions that the compressed air is ON, Is the pail lifted up together? → No.

Change the pail or the V-packing with a new one.

Cause : The degree of vacuum does not rise due to the dent of the pail lid or the damage of the V-packing of the lid.

Is your palm sucked strongly when you put your palm on the suction nozzle? → No.
Cause : The suction hose or the suction nozzle is clogged up., or the hose is damaged.

Remove the clogging stuff.
When the hole is damaged, change it with a new one.

Suction force is weak.

Isn't the diameter of air hose small?

Use the air hose of the bigger diameter than $\Phi 9.5\text{mm}$ (3/8")

Isn't the inside of the suction hose, the suction nozzle or the cleaner itself being clogged up?

When being clogged up, remove the clogging stuff.
* To check the cleaner itself, remove the hose from the cleaner.

Isn't there any damage on the pail or in the hose?

If there is, change it with a new one.

Isn't the suction distance too long,? Or, isn't the suction height high?

Change the work environment.

Isn't viscosity or specific gravity of the object to be sucked high?

When either of viscosity and specific gravity is high, the suction time also becomes long proportionally.

Isn't the air supply pressure low?

The proper air supply pressure is 5~6kg/cm².

Isn't the compressor capacity small?

The proper capacity of air compressore is more than 5HP.

BLOVAC DRUM

Q-QTO Type

TROUBLE	CHECKPOINTS	TREATMENT										
No Suction At All												
Is the compressed air properly being supplied?		Check the connection of the compressed air supply and open the air valve.										
Is the drum tightly being shut?		Check if the vent of the drum is being closed. If open, close it.										
Is this device properly being attached to the filling opening of the drum?		If this device is inclining against the drum, attach again horizontally.										
Isn't there a damaged portion in either the drum and the hose?		If there is, change it with a new one or to other one with no damage.										
Isn't the suction hose, the suction nozzle or the inside of this device being clogged up?		When being clogged up, remove the clogging stuff.										
Is the air adjustment screw matching the employing air pressure?		In the case of below 4kg/cm ² , remove the preset air adjustment screw.										
Isn't viscosity of the liquid high?		The suction time becomes long in proportion to viscosity.										
Is the change lever being set to IN (suction) properly? (Turn to the right)		Fully turn to the IN position (suction). (Turn to the right)										
Is the air adjustment screw matching the supplied air pressure?		Supply the air of the pressure below 7 kg/cm ² . The suitable air adjustment screw to the supplying air										
		<table border="1"> <thead> <tr> <th>SUPPLIED AIR PRESSURE</th> <th>AIR ADJUSTMENT SCREW</th> </tr> </thead> <tbody> <tr> <td>Below 7 kg/cms</td> <td>#7</td> </tr> <tr> <td>Below 6 kg/cms</td> <td>#6</td> </tr> <tr> <td>Below 5 kg/cms</td> <td>#5</td> </tr> <tr> <td>Below 4 kg/cms</td> <td>#4</td> </tr> </tbody> </table>	SUPPLIED AIR PRESSURE	AIR ADJUSTMENT SCREW	Below 7 kg/cms	#7	Below 6 kg/cms	#6	Below 5 kg/cms	#5	Below 4 kg/cms	#4
SUPPLIED AIR PRESSURE	AIR ADJUSTMENT SCREW											
Below 7 kg/cms	#7											
Below 6 kg/cms	#6											
Below 5 kg/cms	#5											
Below 4 kg/cms	#4											
Is the strength of the drum strong enough?		Use a steel drum (M class) of JIS Standard of which plate thickness is more than 1.2mm.										
Isn't the drum damaged or dented?		If damaged or dented, change it to a new one.										

TO-QTO Type

TROUBLE

CHECKPOINTS

TREATMENT

No Discharge At All

Is the compressed air properly being supplied?

Check the connection of the compressed air supply and open the air valve.

Is the drum tightly being shut?

Check if the vent of the drum is being closed.
If open, close it.

Is this device properly being attached to the filling opening of the drum?

If this device is inclining against the drum, attach again horizontally.

Is the cap of the air releasing valve being pushed down?

Shut the air releasing valve.
(Push down the cap and turn it to the right.)

Discharge is weak

Isn't the drum damaged?

If there is any damage such as a hole and a dent, replace it with a new one or with a drum without damage.

Isn't the inside of the suction hose, the suction nozzle or the cleaner itself being clogged up?

When being clogged up, remove the clogging stuff.
* To check the inside of a Blovac Drum, remove the hose from the Drum.

Isn't viscosity of the liquid high?

The suction time becomes long in proportion to viscosity.

Is the change lever being set to ON (suction) properly?
(Turn to the left)

Fully turn to the ON position (discharge). (Turn to the left)

Drum gets deformed (dented).

How is the strength of the drum?

Use a JIS standard drum of 1.2mm or more plate thickness.