

Tài liệu máy sục khí chìm Longtech

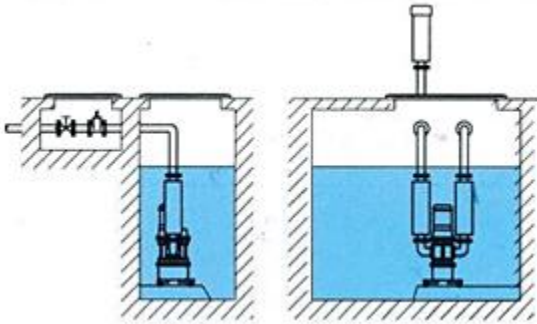
LTW / LSW Types and Specification

60Hz

Model	Bore	Motor	0.1kgf/cm		0.15kgf/cm		0.2kgf/cm		0.25kgf/cm		0.3kgf/cm		0.4kgf/cm		0.5kgf/cm		0.6kgf/cm		Noise
			1000mmAq	1500mmAq	2000mmAq	2500mmAq	3000mmAq	4000mmAq	5000mmAq	6000mmAq									
LTW / LSW			CMM	Kw	CMM	Kw	CMM	Kw	CMM	Kw	CMM	Kw	CMM	Kw	CMM	Kw	CMM	Kw	db
25037	1B	0.5HP	0.43	0.26	0.41	0.28	0.39	0.31	0.37	0.34	0.36	0.36							44
32075	1.2B	1HP	0.68	0.50	0.66	0.55	0.64	0.59	0.62	0.64	0.60	0.73							45
40A75	1.5B	1HP	1.4	0.65	1.3	0.68	1.2	0.71	1.1	0.73	1.0	0.75							46
4015	1.5B	2HP	1.14	1.0	1.10	1.15	1.06	1.2	1.02	1.33	0.98	1.45							47
5015	2B	2HP	2.9	1.1			2.6	1.3			2.4	1.5							48
5022	2B	3HP	2.9	1.1			2.6	1.3			2.4	1.5	2.2	1.8	2.0	2.0			50
5037	2B	5HP	2.9	1.1			2.6	1.3			2.4	1.5	2.2	1.8	2.0	2.0	1.8	2.3	52
6522	2.5B	3HP	4.1	1.7			3.9	1.9			3.6	2.2							52
6537	2.5B	5HP	4.1	1.7			3.9	1.9			3.6	2.2	3.3	2.5	3.1	2.8	2.8	3.2	54
65A22	2.5B	3HP	5.4	2.0			5.1	2.2											54
65A37	2.5B	5HP	5.4	2.0			5.1	2.2			4.7	2.5	4.4	2.9	4.1	3.5			57
65A55	2.5B	7.5HP	5.4	2.0			5.1	2.2			4.7	2.5	4.4	2.9	4.1	3.5	3.8	4.0	59
8037	3B	5HP	6.7	2.9			6.4	3.2			6.0	3.7							56
8055	3B	7.5HP	6.7	2.9			6.4	3.2			6.0	3.7	5.7	4.3	5.3	5.0			59
8075	3B	10HP	6.7	2.9			6.4	3.2			6.0	3.7	5.7	4.3	5.3	5.0	5.0	5.8	62
10055	4B	7.5HP	9.4	4.0			9.0	4.6			8.6	5.2							63
10075	4B	10HP	9.4	4.0			9.0	4.6			8.6	5.2	8.2	6.1	7.8	7.1			65
10011	4B	15HP	9.4	4.0			9.0	4.6			8.6	5.2	8.2	6.1	7.8	7.1	7.4	8.2	67
12575	5B	10HP	11.5	5.0			11.0	6.0			10.5	7.0							66
12511	5B	15HP	11.5	5.0			11.0	6.0			10.5	7.0	10.1	8.1	9.6	9.4	9.1	10.6	69
125A11	5B	15HP	12.9	8.2			12.5	9.3			12.2	10.3							
125A15	5B	20HP	12.9	8.2			12.5	9.3			12.2	10.3	11.9	11.2	11.5	13.0	11.2	14.5	70

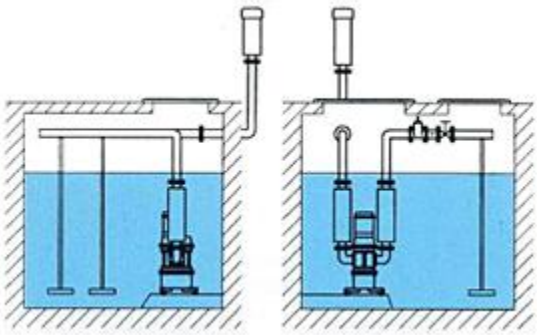
Suitable Place

Draining Tank, Defoaming Tank and Blowing Tank



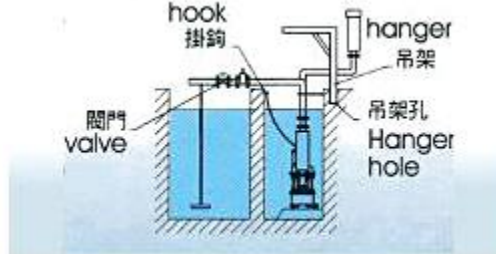
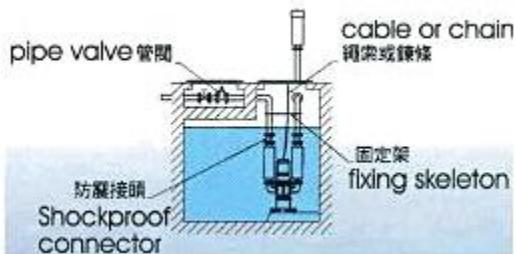
- Advantages :
For more convenient monitoring, install in shallow waters.
The oil can be changed while the system rests in the tank, as the water has been emptied.
- Cautions :
The volume of water should be kept above the minimum threshold.
The temperature of water should be kept below 32°C

Aeration Tank



- Advantages :
Shorter pipes and easier installation.
- Cautions :
Do not install the blower in a place where air or water circulation might be interrupted.
Make sure to leave enough of a gap between diffuser and pump so as to prevent direct flow of bubbles to the motor/pump.

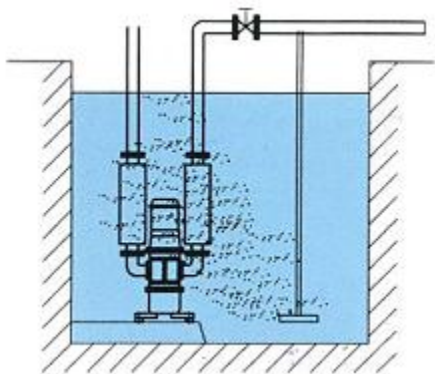
Key Point of Installation :



- To install the blower, use a cable or chain to drop it to the bottom of the tank. Place it on the base (there is no need to use fixing bolts).
- Use a fixing skeleton to prevent the inlet and outlet pipeline from loosening.
- A hanger and a hanger hole are necessary for convenient installation and management.
- When you need to use the blower, insert the hanger in the hanger hole. Pull the hanger out of the designated hole when the blower is not in use.
- When the blower begins to operate, open the safety valve to the full before adjusting the required pressure.

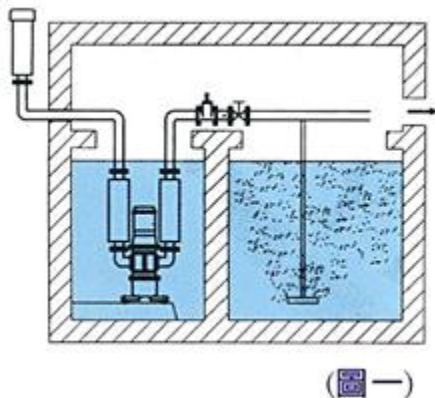
Caution in installation

Caution in installation



For monitoring, adjustments or repairs, place the blower in a convenient location. To prevent adverse flow in case the blower stops, add a check valve. If possible, install the check valve at a position higher than the water level in the aeration tank. If placed in a tank containing lots of sludge, place a tertiary airflow pipe (from outlet) on the side of the machine, with the tip facing away from it, so as to prevent unwanted build-up of dirt on the apparatus by creating a constant circulating flow of water around it. Machines that are not regularly cleaned will over-heat, resulting in possible breakdown.

Cautions in Inlet and Outlet



The inlet muffler should be erected and installed outside the tank, ensuring that it takes in air with little or no humidity (as shown in drawing [1])

The inlet muffler should be installed at least 1 meter above the ground in an open area enabling easy cleaning if dust accumulates. As shown in drawing [2], damp air from the tank into the muffler will result in the building up of rusty lobes and cause a breakdown.

Any spare blower should be stored in a dry place to avoid humidity build-up. If stored in a damp place, run it two-three times per week to clear humidity and avoid rusting.

