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Diffuser Tube & Disk Diffuser

散氣管 & 散氣盤





- *LONGTECH IS A PROFESSIONAL MANUFACTURER OF ROOTS TYPE BLOWER.*
- *LONGTECH HAS R&D ABILITY AND OEM/ODM FOR CUSTOMER.*
- *LONGTECH PRODUCE 1200-1500 BLOWERS FOR EACH SINGLE MONTH.*



HIGH-PERFORMANCE AIR BUBBLE TUBE DIFFUSER

高效率細氣泡散氣管

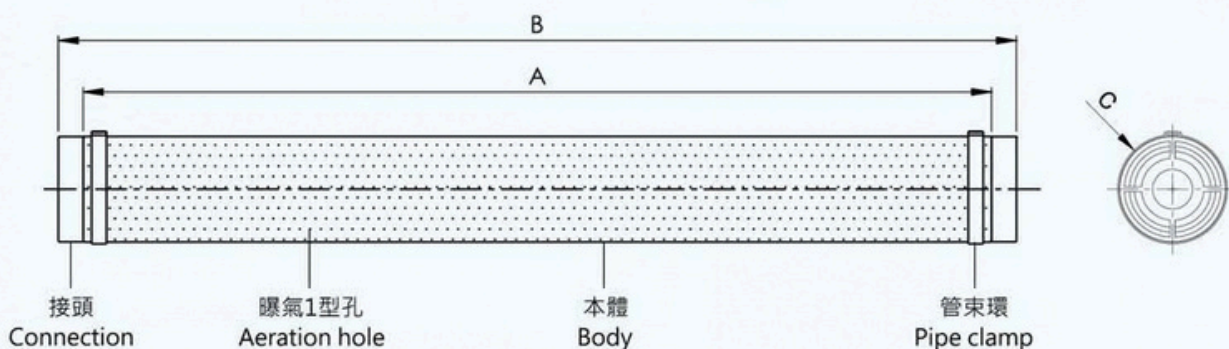
高氧傳輸效率 ■ 低壓降損失散氣管
HIGH PERFORMANCE AND LOW HEAD LOSS.

產品特性 FEATURES

- 氣泡分散良好，氧氣傳輸效率高。
- High oxygen transfer efficiency.
- 本體EPDM，耐彈性疲乏，可長久使用。
- High EPDM membrane tenacity.
- 重量輕，安裝容易。
- Light weight & easy installation.
- 壓力損失小。
- Fewer pressure losses.
- 構造簡單。
- Simple construction.

用途 APPLICATION:

- 污水處理系統中的活性污泥槽，接觸曝氣槽曝氣用。
- Contact aeration system.
- 淨化槽曝氣或調節槽攪拌。
- Agitation of adjustment tank.
- 養殖場供氧。
- Aeration of fishponds.



Model 規格	Material 材質	Air Flow Rate 標準通氣量	A	B	C	Connection Size 牙口規格
LTF-275-Φ64	Body EPDM, Connection ABS or Compound resin 本體EPDM接頭、 套頭ABS或合成樹脂	80-120 L/min	275mm	305mm	64mm	PT - 3/4" female
LTF-550-Φ64		160-240 L/min	550mm	580mm	64mm	PT - 3/4" female
LTF-620-Φ64		180-270 L/min	620mm	650mm	64mm	PT - 3/4" female
LTF-1000-Φ64		290-440 L/min	1000mm	1030mm	64mm	PT - 3/4" female
LTF-550-Φ95		350-530 L/min	550mm	590mm	95mm	PT - 1 1/4" female
LTF-620-Φ95		395-595 L/min	620mm	660mm	95mm	PT - 1 1/4" female
LTF-1000-Φ95		640-970 L/min	1000mm	1040mm	95mm	PT - 1 1/4" female

COARSE BUBBLE DISK DIFFUSER

粗氣泡散氣盤

LTD-144

高耐蝕性、壓力損失低的散器盤

HIGH CORROSION RESISTANCE AND LOW HEAD LOSS.

產品特性 FEATURES

■ 完全不逆流

依據水量及材質的特性構造而成，若散氣終止時，完全不會逆流。

■ THE HARD ENDURING DIFFUSER LIMITS PRESSURE LOSSES:

The flexible valve enables precise adjustment of the pressure discharge force with the use of an air volume gauge, leading to fewer pressure losses.

■ 相當出色的耐蝕性

因本體是ABS製品，曝氣膠膜則採樹脂、可塑性強又有彈性的材質，使用上不論耐候性、耐氧性、耐油性都很強，較一般橡膠耐用強三倍以上。

■ HARD ENDURING DIFFUSER WITH EXCELLENT CORROSION RESISTANCE:

The hard enduring diffuser is constructed with a state-of-the-art ABS compound, which boasts outstanding temperature resistance. The valve is made of high quality synthetic resin that is both long-lasting and resistant to oil and corrosion. It has roughly three times the lifespan of ordinary rubber.

■ 減少壓力的損失

因曝氣膠膜具有單向出風口，能應對通風量而有變化，因此可減少壓力，不易變形。

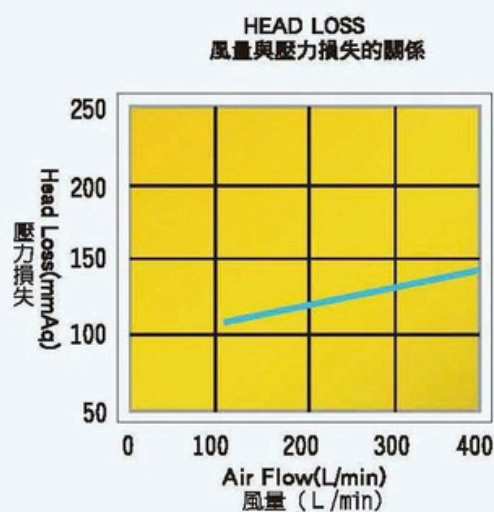
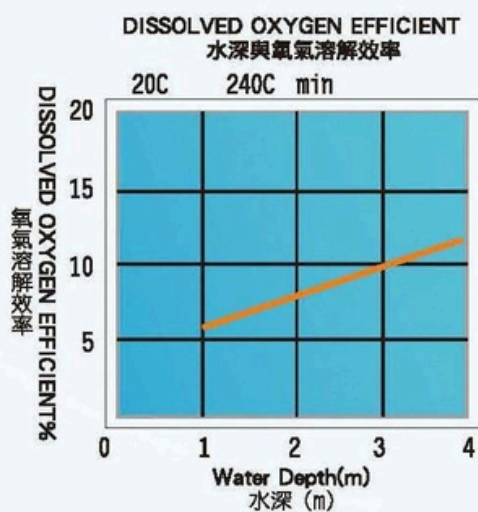
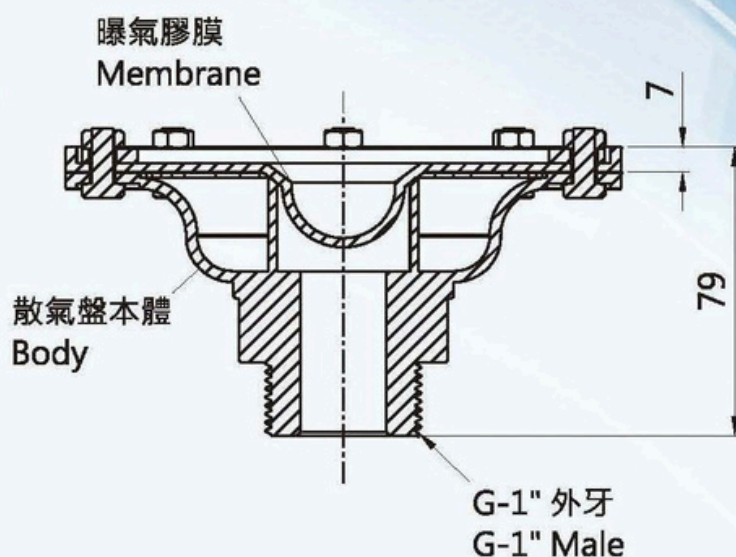
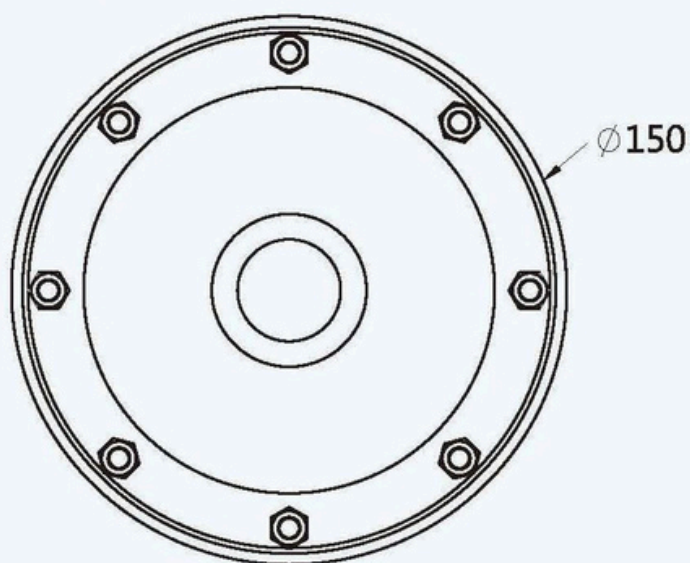
■ FULLY-CLOSED AGAINST BACKFLOW:

If the air diffuser is stopped, a specially constructed valve is designated to provide a complete seal between the cutout air flow from underneath and the water pressure above. This naturally prevents any undesired backflow of murky water into the apparatus.





LTD-144

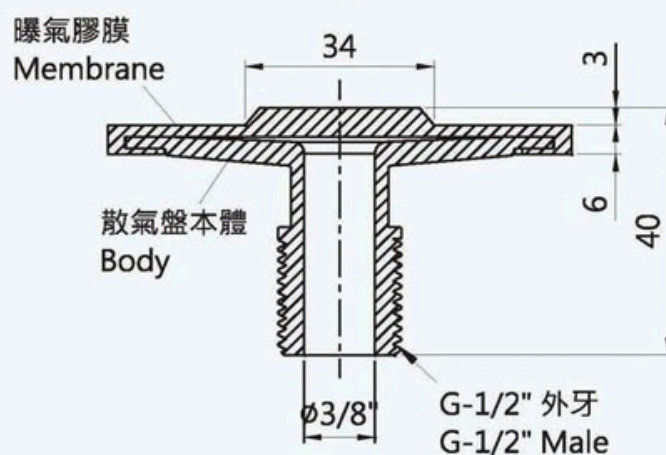
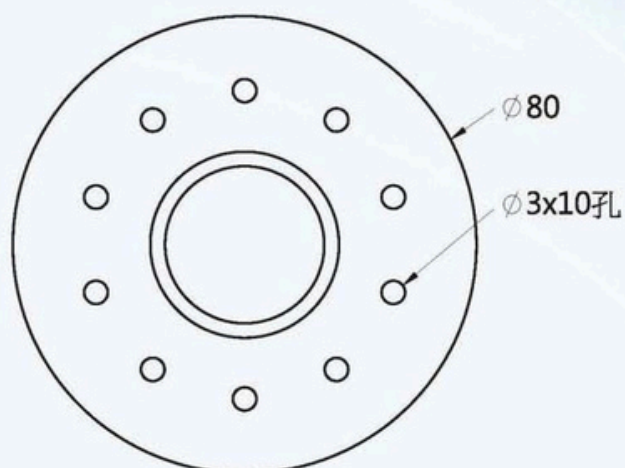
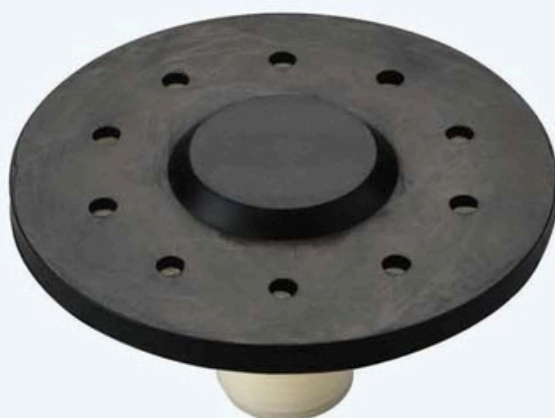


SPECIFICATION 規格	A. G-1"外牙 B. 直徑：150mm C. 高度：79mm D. 通氣量：0.1~0.45 m3/min	A. G-1" male. B. Diameter：150mm C. Height：79mm D. Air Flow Rate：0.1~0.45 m3/min
FEATURES 特點	1. 安裝容易 2. 構造堅固耐用 3. 溶氧效率高，耐腐蝕性 4. 有逆止作用，永不阻塞	1. Easy to install. 2. Rugged construction. 3. High oxygen transfer efficiency, And corrosion resistance. 4. Prevent backflow without clogging.
Structure & Material 構造材質	曝氣膠膜：熱可塑性樹脂 散氣盤本體：ABS	Membrane：Thermoplastic Resin Body：ABS

COARSE BUBBLE DISK DIFFUSER

粗氣泡散氣盤

LTD-080



SPECIFICATION 規格	A. G-1/2"外牙，ψ 3/8"入氣口 B. 直徑：80mm C. 高度：40mm D. 通氣量：0.08-0.10 m3/min	A. G-1/2" male，ψ 3/8" inlet. B. Diameter：80mm C. Height：40mm D. Air Flow Rate：0.08-0.10 m3/min
FEATURES 特點	1. 配合國內現成1/2"接頭，安裝容易 2. 構造堅固耐用 3. 溶氧效率高，耐腐蝕性 4. 有逆止作用，永不阻塞	1. Easy to install. 2. Rugged construction. 3. High oxygen transfer efficiency, And corrosion resistance. 4. Prevent backflow without clogging.
Structure & Material 構造材質	曝氣膠膜：Neoprene Rubber耐酸鹼 散氣盤本體：ABS	Membrane：Neoprene Rubber Body：ABS

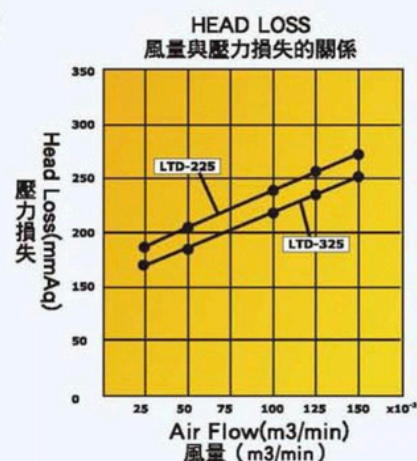
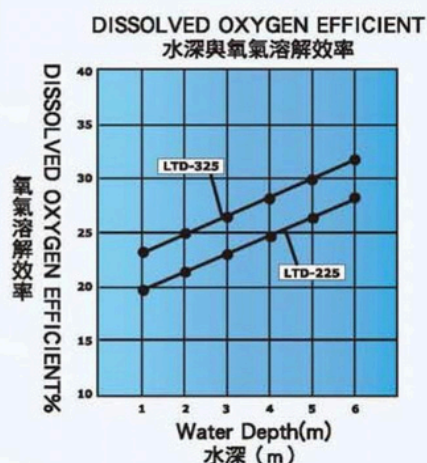
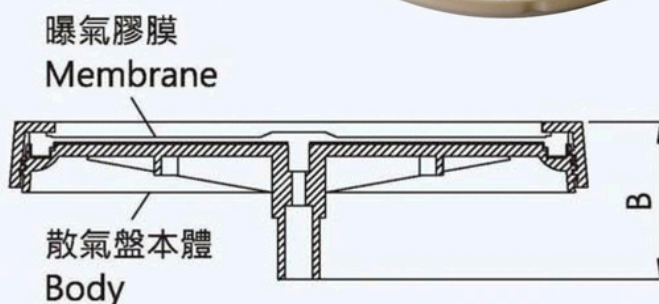
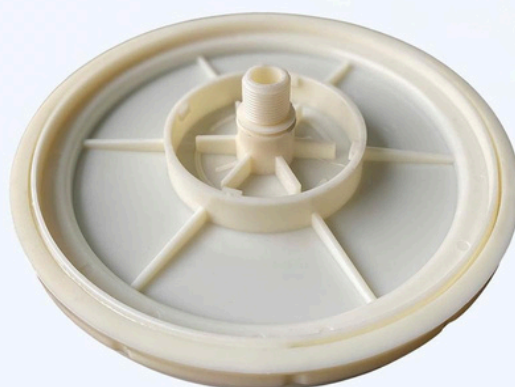
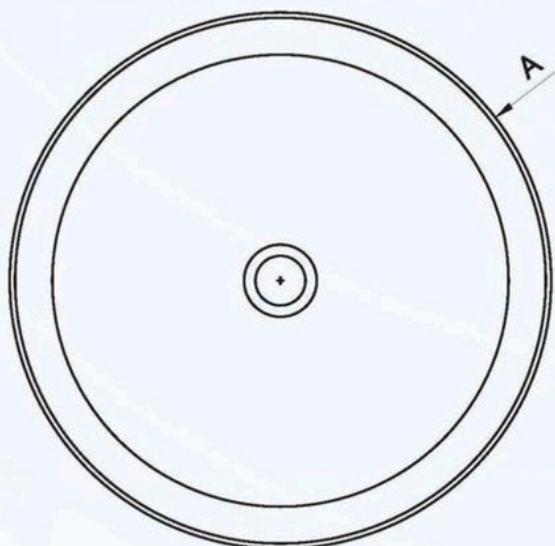
FINE BUBBLE DISK DIFFUSER

細氣泡散氣盤

LTD-225/270/325

產品特性 FEATURES

- 安裝容易。
- Easy to install.
- 耐久性（普通橡膠壽命的三倍）。
- Long-lasting (three times the life-span of ordinary rubber).
- 更高的氧氣溶解率。
- Higher oxygen dissolution rate.
- 耐腐蝕。
- Corrosion resistance.
- 防止回流而不堵塞。
- Prevent backflow without clogging.
- 耐油耐腐蝕閥門。
- Oil and corrosion resistant valve.
- 可完全關閉防止回流。
- Fully-closed against backflow.



Model 規格	Material 材質	A	B	Air Flow Rate 標準通氣量	Connection Size 牙口規格
LTD-225	ABS & PP	225mm	65mm	0.020-0.12m³/min	NPT-3/4" male
LTD-270	EPDM & PP	265mm	68mm	0.02-0.10 m³/min	NPT-3/4" male
LTD-325	ABS & PP	325mm	75mm	0.020-0.26 m³/min	NPT-3/4" male

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