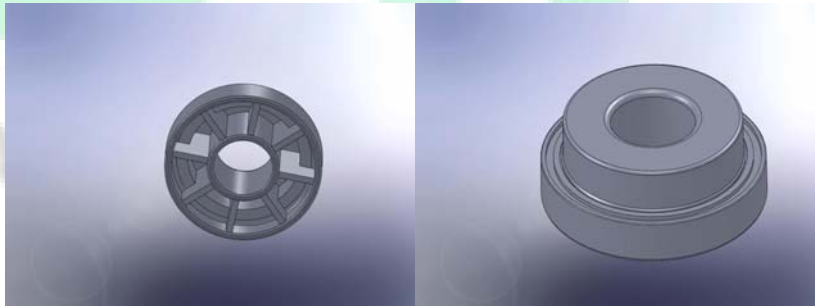# 九譽牌細氣泡曝氣管
Tube Diffuser

MODEL: RCT-600

HEAD   END

■ FEATURE

1. RCT tube diffuser with compression molded EPDM membranes to avoid ultraviolet degradation or chemical corruption.

2. Tube are designed by hollow type for maximum strength at a minimum positive buoyancy.

3. Tube inlet distributor is designed for all in one injection

4. The body support are made from ABS material.

5. SUS 304 clamp to fix membranes on ABS pipes

6. The slit quantity is higher than others

![Fine Reputation logo]

■ Application

1. Municipal sewage treatment process
2. Industrial wastewater treatment process
3. Purify water treatment process
4. Ozone diffuser application
5. Sludge stabilization process
6. Aquafarm
7. Rivers and lakes purify water

■ SPECIFICATION

MODLE	SPECIFICATION	FLOW(L/min)	MEMBRANE	BODY	CLAMP	WEIGHT
RCT-300	300mm×63mm×3/4"PT	50-160	E.P.D.M	ABS	304stainless	0.45kg
RCT-600	600mm×63mm×3/4"PT	150-300	E.P.D.M	ABS	304stainless	0.9kg
RCT-1000	1000mm×63mm×3/4"PT	300-550	E.P.D.M	ABS	304stainless	1.5kg

ID:63mm   OD:67mm

■ CONSTRUCTION
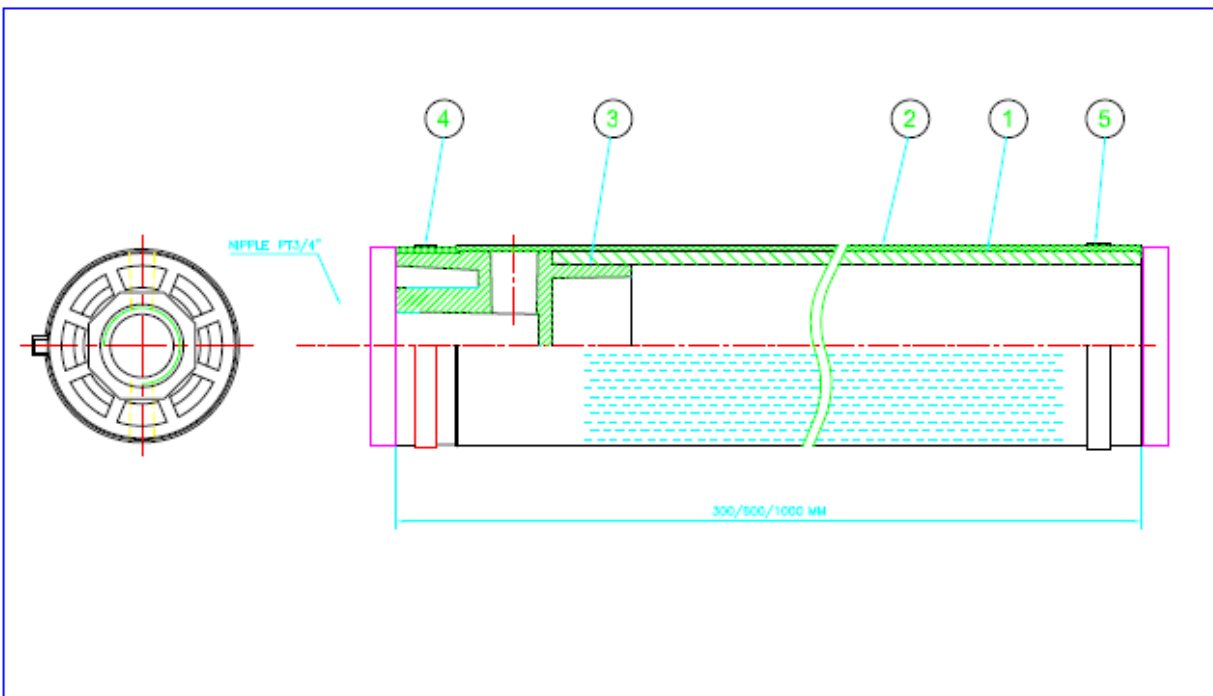
	CLAMP BAND — B	SUS304	1	
5	CLAMP BAND — A	SUS304	1	
4	ADAPTER	ABS	1	
3	MEMBRANE	E.P.D.M	1	ID 63MM, 2t
2	SUPPORT TUBE	ABS	1	
PART No.	PART NAME	MATERIAL	Q'TY	REMARKS

AIRFLOW TUBE DIFFUSER

SCALE : NTS	DATE : 2012.01.01	REVISED : 0	DRAWN BY : Robin
Fine Reputation Co.,Ltd		DWG No.	RCT-01
		MODEL	rct-600

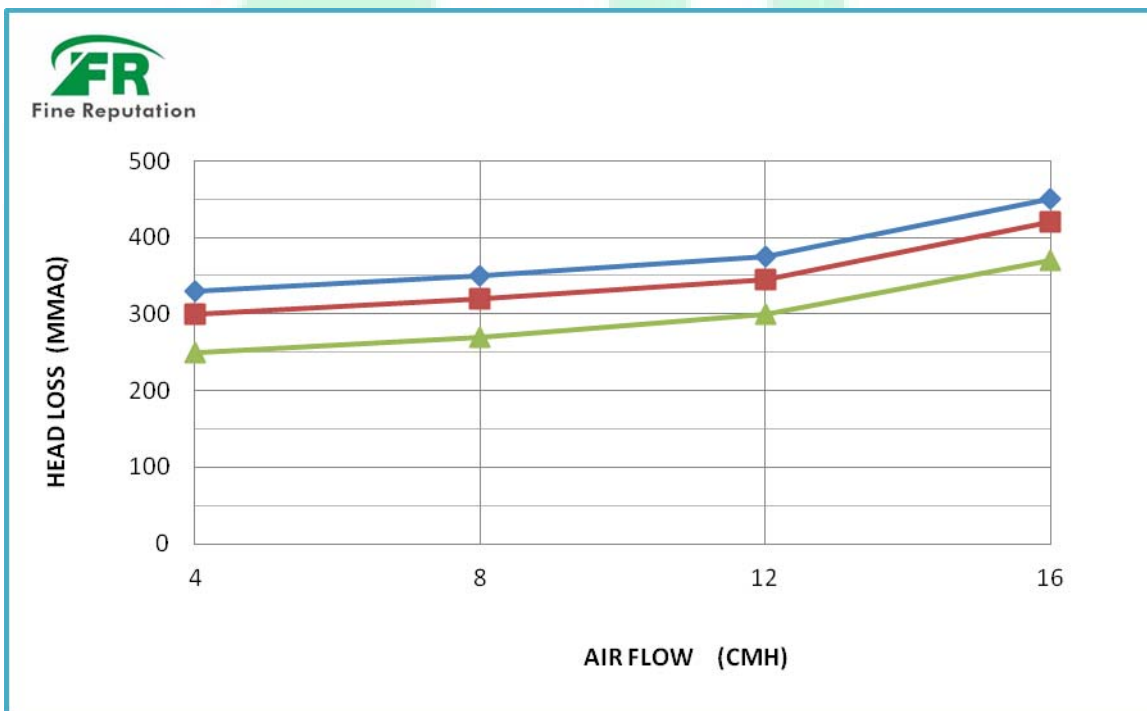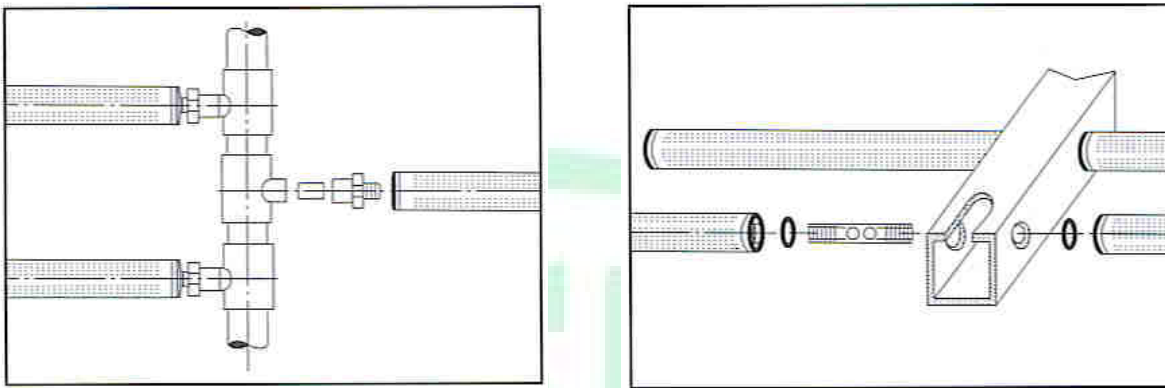## ■ OXYGEN TRANSFER EFFECIENCY

■ HEAD LOSS CURVE

RCT TUBE DIFFUSER PIPING INSTALLATION

Our experience has shown you that tube is very easy to install. Tubes are available with quick and nipple connections. For high efficiency, please rotate perforations in horizontal position. Due to excellent seal, the support stands level will be allowed of a little difference.

We recommend environmentally friendly Stainless Steel Sch 10 or PVC Schedule 40 pipes. Drop pipes are typically Sch 10 304L SS to avoid UV degradation.

■ Advantage
1. High oxygen transfer efficiency
2. Self clean and good seal which keeps air in and water out
3. High service area
4. Low headloss
5. Low power consumption
6. Easy to install
7. Aeration designed by batch (SBR…)
8. High Tensile Strength

Fine Reputation Co.,Ltd
Address:No. 26, Lane 54, Zhongxing Rd., Longtan Township, Taoyuan County 32551, Taiwan
Tel: +886-3-470 9985
Fax: +886-3-470 4202
website:www.diffuser.com.tw
e-mail:fine.rpt@msa.hinet.net