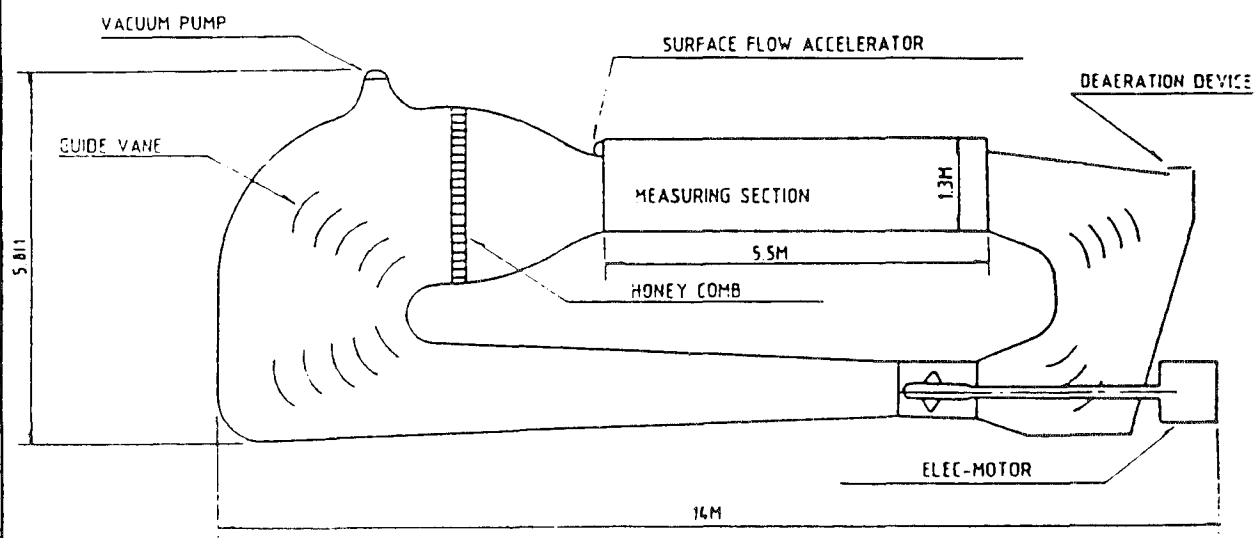


INTERNATIONAL TOWING TANK CONFERENCE CATALOGUE OF FACILITIES  
CIRCULATING WATER CHANNEL

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KOREA

CIRCULATING WATER CHANNEL (1984)



DESCRIPTION OF FACILITY : vertical type

TYPE OF DRIVE SYSTEM : 2 impeller type with Thyristor-Leonard control

TOTAL MOTOR POWER : 44 kw, 1750 rpm

MEASURING SECTION MAX. VELOCITY : 2.0 m/s

MEASURING SECTION : 5.5 m × 2.0 m × 1.3 m

MEASURING EQUIPMENTS : resistance dynamometer, propeller dynamometer  
wake measurement system

MODEL SHIP SIZE : 1.0 ~ 2.0 m

TEST PERFORMED : flow visualization test,  
resistance test,  
self-propulsion test,  
wake measurement,  
oblique towing test.