

TB SERIES

# Twin Booster Systems

50 Hz



## INTRODUCTION

TBMFHC twin Booster set consist of two identical Lubi MFHC Pumps connected in parallel and mounted on a common base plate with a control cabinet for automatic control and protection of the booster system. Pump stages as well as all moving parts in in contact with liquid are made of Igass rain forced Noryl. Suction and Discharge casing are Cast Iron.

## SPECIAL FEATURES

- Non self-priming, Horizontal, Multistage Centrifugal Pump.
- Enclosure Class: IP 54
- Insulation Class: F
- Quiet Operation
- The base plate and header pipes are hot dip galvanized for superior corrosion prevention.
- All Pump components made of cast iron are CED coated to give excellent corrosion resistance.
- The entire system is compact and mounted on a common base plate.
- The System is factory assembled and tested and is supplied with Hydro-Pneumatic Pressure tank.
- One working and one standby pump operation provide a reliable supply of water in event of pump failure.
- Automatic alteration of pumps provide equal running of working as well as standby pump.
- Pumps are protected against dry running by the controller by using a current sensing relay.
- Automatic Start / Stop up to 100 times per hour will not result in to pump burnout.
- Automatic cascade controls of pumps by means of pressure switches provide additional capacity during peak hour consumption.
- Delay and minimum run timers are provided to eliminate unnecessary pump cycle.

## TWIN SYSTEM INCLUDES

- Suction and discharge manifolds.
- Isolating valves.
- Non - return valves.
- Pressure gauge.
- Pressure switch.
- Controller.
- Base frame.

## APPLICATIONS

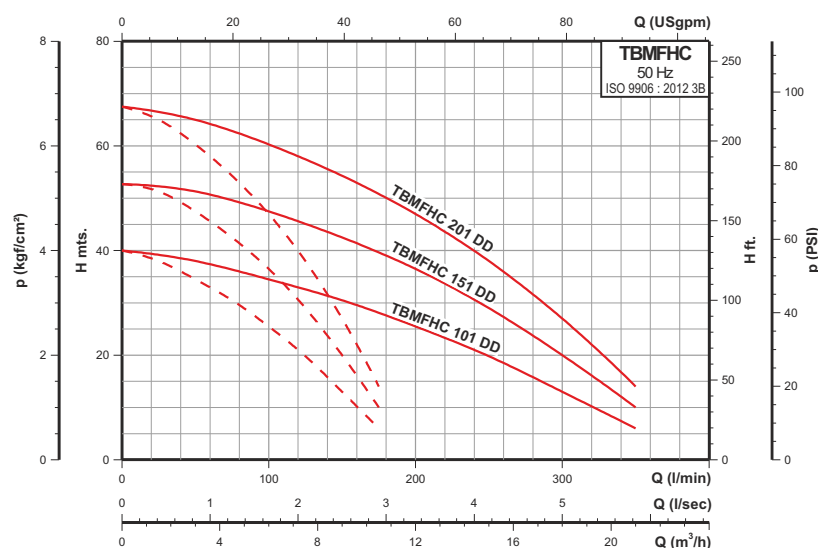
- Large houses
- Domestic buildings
- Cottages and villas
- Hotels & Hospitals
- Schools
- Industrial Plants
- Liquid Transfer and Sprinkler Irrigation.

## MATERIAL OF CONSTRUCTION

### TBMFHC

Suction & Discharge Casings	Cast Iron
Pump Jacket	Stainless Steel
Bowl Casing	Glass rainforces PPO (Noryl)
Impeller	Glass rainforces PPO (Noryl)
Mechanical seal	Carbon / Ceramic / NBR
Pump shaft	Stainless Steel

## PERFORMANCE CURVES



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