

Lanemark MTX series packaged small diameter gas fired immersion tube tank heating systems offer compact, cost effective, high efficiency liquid heating solutions for applications in many types of commercial and small industrial washing applications.

Heat input duties of up to 30 kW can be satisfied by the MTX15 unit which operates in conjunction with a 1½" (40mm) immersion tube heat exchanger arrangement.

The MTX20 unit will provide heat inputs of up to 45 kW operating into a 2" (50mm) tubular heat exchanger.

The Lanemark MTX burner system offers:

- Low operating costs – operating efficiencies of
 - > 80% (gross calorific value)
 - > 90% (net calorific value)
- Operation with simple, compact immersion tube heat exchangers
- Alternative performance modelling using Lanemark’s proven computer design software
- Simple installation



Model	Tube Size	Maximum Heat Input
MTX15	1½" (40mm)	30 kW (100,000 Btu/h)
MTX20	2" (50mm)	45 kW (150,000 Btu/h)

Typical Applications

- **Food and Drink Industries**
 - Tray washers
 - Dish washers
 - Hot water supplies
 - Vegetable washers
 - Vegetable blanchers
 - Cookers
 - Steamers
- **General Engineering**
 - Small parts washers

Typical Immersion Tube Heat Exchanger



Specifications

Lanemark packaged MTX immersion tube burner systems are assembled within a protective enclosure and incorporate burner, ignition electrode and flame detection systems.

Burner control components can be supplied to meet the individual requirements of each appliance to which the system is to be fitted.

	✓ Standard equipment	● Optional equipment
Fuels	✓ Natural gas	● Propane
Control voltage	✓ 230V	● 110V
Exhaust fan electrical supply	✓ 230V/1ph/50Hz	● 400V/3ph/50Hz
Flame sensing	✓ Flame rod	● UV
Heat output control	✓ On/off	● High/low/off

MTX TANK HEATING SYSTEMS



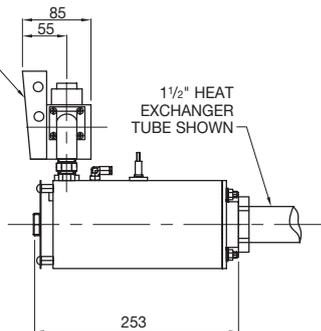
Side view



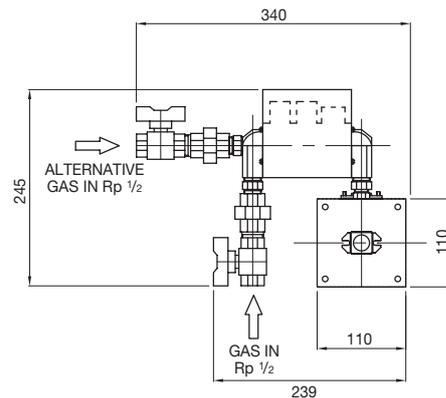
Front view

Dimensions

HONEYWELL
GAS VALVE AND
BURNER CONTROL
UNIT SHOWN



Side View



Rear View

All dimensions in mm, except where stated.

LANEMARK
BurnerCare

All MTX burners benefit from Lanemark's BurnerCare customer support. BurnerCare services include burner system commissioning/start-up, supply of spare parts and system training. BurnerCare will provide a contract service plan and a rapid response facility, designed to ensure the continued and reliable operation of Lanemark equipment worldwide.

Additional Burner Products *(See Individual Data Sheets for full details)*

Also available from Lanemark is the TRX and TX ranges of larger capacity modular tank heaters and the FD range of high turn-down process air heating oven and dryer burner products.

All illustrations are for guidance only. For reasons of continuous development, Lanemark International Limited reserves the right to alter specifications without prior notice.

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