

Kerosene Water Heater

Model BS-35(F)

FEATURES

- **NEW LOTUS BURNER**
Ensures quick ignition and low-noise operation. It also allows compact size design, stable burning, and contains odor when lighting or extinguishing.
- **LOTUS TYPE HEAT EXCHANGER**
Achieves 85.7% efficiency and provides high resistance to heat and water pressures with its upper multipipe and bulge-shaped lower burner chamber.
- **SAFETY DEVICE**
Multi-safety mechanism including tip-over switch, over-heat protector, bi-metal switch and burning controller prevents fire, accidents and/or malfunction and protects the unit from incorrect operation or abuse.
- **BUILT-IN ANTI-FREEZE MECHANISM**
Protects the heat exchanger from cracking due to freezing.



SPECIFICATIONS

MODEL:	BS-35(F)
TYPE:	Combustion Type: Pressure Vapor Exhaust System: Forced Exhaust Type Purpose: Hot Water Supply
IGNITION:	High Voltage Discharge Spark
FUEL:	Kerosene Only
FUEL CONSUMPTION:	4.0 L/h
EFFICIENCY:	85.7%
HEATING OUTPUT:	120,000 BTU/h (35.2 kW)
CAPACITY OF HEAT EXCHANGER:	8.8 L (Max. Pressure: 100 kPa)
POWER SOURCE:	AC220V / 50Hz
POWER CONSUMPTION:	(Ignition: 117 W, Burning: 97 W)
OPERATING AMBIENT TEMP.:	-20°C - 40°C
NOISE LEVEL:	53 dB
DIMENSIONS (WxDxH):	260 x 510 x 700 mm
WEIGHT:	25 kg
EXHAUST AIR TEMPERATURE:	less than 260°C
DIAMETER OF EXHAUST PIPE:	106 φ mm
NOZZLE:	Quantity of Vapor: 1.0 GPH Spraying Pattern: Danfoss KH Spraying Angle: 60°
SAFETY DEVICE:	1. Automatic Combustion Control system, 2. Flame Sensor, 3. Over-heat Protector, 4. Power Failure Recovery System, 5. Fuel Strainer, 6. Heat Exchanger Bi-metal Switch,
ACCESSORIES:	Remote Control (1), Cord for Remote Control (8m),

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Subject to change with or without notice