



ML = Moist Linen
DL = Dry Linen
E = Electrical Supply
IA = Inlet Air
EX = Exhaust DN 400
LR = Lint Removal

A = Compressed Air DN 6
G = Gas Supply DN 25
SP = Sprinkler DN 25
BA = Burner Air DN 25
V = Vent DN 25

Entrance Dimensions:
(Tumbler Dismantled)
Height = 2350 mm
Width = 2150 mm

Foundation Load Each Leg
approx. = 400 kg

Recommended minimum wall
clearance = 600 mm

Subject to alterations

Documentation

Broadbent Laundry Systems
Queen Street South, Huddersfield

Edition 0005

TRANSFER BATCH TUMBLER**TT 733 GAS****FILLING CAPACITY**

at filling ratio

63 kg
1 : 2050 kg
1 : 2542 kg
1 : 30**WATER EVAPORATION**

at filling ratio

1 : 30

evaporation depending on local conditions

160 l/h = 2,6 l/min
160 kg/h = 2.6 kg/min**DRUM**

-diameter x depth

1270 x 1000 mm

-volume

1260 dm³**APPLICATION**

drying, pre-drying and loosening of extracted laundry

STANDARD VERSION

Solid design

Cyclic loading at the front through large lifting door

Automatic, air assisted unloading at the rear by large lifting door

Recirculation system for optimal finish and low energy consumption

Thermostatic-electronic temperature control of inlet- and exhaust air (SAT)

Cool down system, time controlled

Automatic gas heating with an electronic flame controlled burner and air blower

Drum of stainless steel

Radial-diagonal air flow

Drum drive by friction wheel, reversible

by a V-belt and socket gear

Pedestal height 1000 mm

Large lint bag

Electrical supply: 3/N ~ 50 Hz, 400/230 V

Colour: structure finish RAL5018 turquoise blue

Easy maintenance and inner surface cleaning

Control for automatic operation as

single or system unit

Machine equipped in accordance with relevant safety standards

SPECIAL VERSION

Automatic tilted unloading at the rear, including rigid gas supply connections, including gas supply control

Drum poly-coated

Additional heat and noise insulation

Sprinkler device

Special voltage, special frequency

CSA-, Nema / UL-regulation

Special finish

Special pedestal heights: 1250 mm,

1500 mm, 1750 mm, 2000 mm

with tilting version - pedestal + 100 mm

ACCESSORIES

transport units for loading and unloading

CONNECTED LOAD AND CONSUMPTION RATE

Electric - without transport units

8,0 kW

CONSUMPTION

6,8 kWh

Natural gas HI = 34,02 MJ/m³ (HU = 9,45 kWh/m³)

gas flow pressure 30 - 100 mbar

18 m³/h13,5 m³/h

LPG gas HI = 46,34 MJ/kg (HU = 12,9 kWh/kg)

gas flow pressure 50 mbar

13,2 kg/h

9,9 kg/h

Nominal heating capacity 170 kW

Compressed air 6 bar, 6 charges/h suction capacity

250 l/h

200 l/h

Consumption depending on local conditions

EXHAUST AIR RATE

Exhaust air rate with recirculation drying cycle in operation

1300 - 2500 m³/h

with aerate drying + cool down cycle max.

5000 m³/h

Counter pressure from local exhaust pipe max. permitted

3,0 mbar

PACKING - pedestal dismantledCubic capacity 12,0 m³

Width 2350 mm x height 2500 mm x depth 2050 mm

WEIGHTS

Tumbler net 1450 kg, op. weight approx. 1550 kg

Packing: planks and PVC-cover, gross 1500 kg

Subject to alterations