



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

A = Compressed Air DN 8  
G = Gas Supply DN 40  
SP = Sprinkler DN 25  
BA = Burner Air  
V = Vent DN 25

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

Foundation Load Each Leg  
approx. = 485 kg

Recommended minimum wall  
clearance = 600 mm

Subject to alterations

**Documentation**

**Broadbent Laundry Systems**  
Queen Street South, Huddersfield

**Edition 0005**

**TRANSFER BATCH TUMBLER****TT 735 GAS****FILLING CAPACITY**

at filling ratio

95 kg  
1 : 2076 kg  
1 : 2564 kg  
1 : 30**WATER EVAPORATION**

at filling ratio

1 : 30

evaporation depending on local conditions

230 l/h = 3,8 l/min  
230 kg/h = 3.8 kg/min**DRUM**

-diameter x depth

1270 x 1500 mm

-volume

1900 dm<sup>3</sup>**APPLICATION**

drying, pre-drying and loosening of extracted laundry

**STANDARD VERSION**

Solid design

Cyclic loading at front through large lifting door

Automatic, pneumatic 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 burner air blower

Electronic flame control

Drum of stainless steel

Radial-diagonal air flow

Drum drive by friction wheel, reversible by means of V-belt and socket gear

Pedestal height 1000 mm

Large lint bags

Electric 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- resp. installation unit

Machine equipped in accordance with relevant safety standards

**SPECIAL VERSION**

Automatic tilt-unloading at the rear, including firm 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

10,2 kW

**CONSUMPTION**

8,7 kWh

Natural gas HI = 34,02 MJ/m<sup>3</sup> (HU = 9,45 kWh/m<sup>3</sup>)

gas flow pressure 30 - 100 mbar

25,9 m<sup>3</sup>/h19,4 m<sup>3</sup>/h

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

gas flow pressure 50 mbar

19,0 kg/h

14,2 kg/h

Nominal heating capacity 245 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

2000 - 3800 m<sup>3</sup>/h

with aerate drying + cool down cycle max.

7600 m<sup>3</sup>/h

Counter pressure from local exhaust pipe max. permissible

3,0 mbar

**PACKING** - pedestal dismantled

width 2350 x height 2500 x depth 2550 mm

cubic capacity 15,0 m<sup>3</sup>**WEIGHTS**

Tumbler net 1750 kg, op. weight approx. 1900 kg

Packing: planks and PVC-cover, gross 1800 kg

Subject to alterations