



ML = Moist Linen
DL = Dry Linen
E = Electrical Supply
IA = Inlet Air DN 6
EX = Exhaust
LR = Lint Removal

G = Gas Supply DN 20

Foundation Load Each Leg
= 160 kg

Entrance Dimensions:
Height = 2250
Width = 1250

Recommended minimum wall
clearance = 600 mm

Subject to alterations

Documentation

Broadbent Laundry Systems
Queen Street South, Huddersfield

Edition 0005

BATCH TUMBLER**FL 623 G****FILLING CAPACITY**

at filling ratio

50 kg

1 : 20

40 kg

1 : 25

33 kg

1 : 30

WATER EVAPORATION

at filling ratio

1 : 25

115 l/h = 1,9 l/min

114.7kg/h = 1.9kg/min

evaporation depending on local conditions

DRUM

- diameter x depth

1120 x 1000 mm

- volume

1000 dm³**APPLICATION**

drying, pre-drying and loosening of extracted laundry

STANDARD VERSION

Solid construction

Manual cyclic loading and unloading at the front through large hinged door with window shield

Recirculation system for optimal finish and low energy consumption

Therm.-electronic temperature control of inlet air

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

Colour: structure finish RAL 5018 turquoise blue

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

Cool down system, time controlled

Drum of stainless steel

Radial-diagonal air flow

Central drum drive reversible by means of V-belt

Large lint filter, stainless steel mesh

Heat and noise insulation

Motor protective switch

Easy maintenance and inner surface cleaning

Machine equipped in accordance with relevant safety standards

SPECIAL VERSION

Therm.- electronic over drying protection ÜS

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

Automatic tilted unloading to the front

including lifting door with window shield, also including firm gas supply connections and gas supply control

Special voltage, special frequency

CSA-, Nema/UL regulation

Special finish

Drum poly-coated

CONNECTED LOAD AND CONSUMPTION RATE

Electric

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

gas flow pressure 20 - 100 mbar

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

gas flow pressure 50 mbar

Nominal heating capacity 125 kW

Consumption depending on local conditions

CONNECTED LOAD

3,9 kW

13,2 m³/h

9,7 kg/h

CONSUMPTION

3,3 kWh

9,9 m³/h

7,3 kg/h

EXHAUST AIR RATEExhaust air rate with recirculation drying cycle in operation
with cool down cycle max.2500 - 3500 m³/h4000 m³/h

Counter pressure from local exhaust pipe max. permitted

2,8 mbar

PACKING - pedestal dismantledCubic capacity - 5,9 m³

Width 1400 mm x height 2350 mm x depth 1800 mm

WEIGHTS

Tumbler net 520 kg, op. weight approx. 620 kg

Packing: planks and PVC-cover, gross 580 kg

Subject to alterations