



ML = Moist Linen  
DL = Dry Linen  
E = Electrical Supply  
IA = Inlet Air  
EX = Exhaust d=355  
LR = Lint Removal

S = Steam  
C = Condensate  
A = Compressed Air

DN 40  
DN 25  
DN 6

Entrance Dimensions:  
Height = 2400 mm  
Width = 1500 mm

Foundation Load Each Leg  
= 250 kg

Recommended minimum wall  
clearance = 600 mm

Subject to alterations

**Documentation**

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

**Edition 0004**

**BATCH TUMBLER****FL 633 STEAM****FILLING CAPACITY**

at filling ratio

70 kg  
1 : 2056 kg  
1 : 2547 kg  
1 : 30**WATER EVAPORATION**

filling ratio

1 : 25

steam heating - 10 bar saturated steam

evaporation depending on local conditions

125 l/h = 2,1 l/min.  
124.7 kg/h = 2.1 kg/min.**DRUM**

-diameter x depth

1335 x 1000 mm

-volume

1400 dm<sup>3</sup>**APPLICATION**

drying, pre-drying and loosening of extracted laundry

**STANDARD VERSION**

Solid design

Manual cyclic loading and unloading at the front

through large lifting door with window shield

Steam heating up to 15 bar

Colour: structure finish RAL5018 turquoise blue

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

Individual control

Therm.-electronic display of exhaust air temperature

Motor protection switch

Drum of stainless steel

Radial-diagonal air flow

Central, reversible drum drive by V-belts

Large lint filter of stainless steel mesh

Heat and noise insulation

Easy maintenance and inner surface cleaning

Machine equipped in accordance with

relevant safety standards

**SPECIAL VERSION**

Cool down system, time controlled

Recirculation system with adjustable exhaust-/

recirculation ratio for optimal finish and low

energy consumption, incl. cool down system

Additional heating battery for higher evaporation

Heating battery in stainless steel

Heating battery for hot oil (225°C) or

Hot water (200°C)

Heating battery with TÜV- resp. SA-Certificate

Automatic tilted unloading to the front

Rigid steam and condensate supply connections

Special voltage, special frequency

CSA-, Nema / UL-regulation

Special finish

Drum poly coated

Therm.-electronic over drying protection

Therm.-electronic temperature control of

inlet and exhaust air (SAT)

Therm.-electronic temperature control by

piston valve or motorized valve up to 15 bar

Steam trap

**CONNECTED LOAD AND CONSUMPTION RATE**

Electric

Saturated steam 10 bar

Nominal heating capacity 142 kW

Hot oil 225/180°C or hot water 200/180°C

Compressed air 6 bar, 6 charges/h suction capacity

Consumption depending on local conditions

**CONNECTED LOAD**

6,4 kW

300 kg/h

6100 l/h

0-65 l/h

**CONSUMPTION**

5,4 kWh

245 kg/h

6100 l/h

0-50 l/h

**EXHAUST AIR RATE**

Exhaust air rate with recirculation drying cycle in operation

With cool down cycle max.

2500 - 3800 m<sup>3</sup>/h5000 m<sup>3</sup>/h**PACKING**Cubic capacity - 7,0 m<sup>3</sup>

Width 1600 x height 2450 x depth 1800 mm

**WEIGHTS**

Tumbler net 980 kg, op. weight approx. 1100 kg

Packing: planks and PVC-cover, gross 1050 kg

Subject to alterations