



Oil / Hot Water Heating

- ML = Moist Linen
- DL = Dry Linen
- E = Electrical Supply
- IA = Inlet Air
- EX = Exhaust DN 32
- A = Compressed Air DN 6

- S = Steam
- C = Condensate
- LR = Lint Removal

Foundation Load Each Leg = 165 kg

- DN 25 Entrance Dimensions:
- DN 15 Height = 2250 mm
- Width = 1250 mm

Recommended minimum wall clearance = 600 mm

Subject to alterations

Documentation

Broadbent Laundry Systems
Queen Street South, Huddersfield

Edition 0005

BATCH TUMBLER**FL 623 STEAM****FILLING CAPACITY**

at filling ratio

50 kg
1 : 2040 kg
1 : 2533 kg
1 : 30**WATER EVAPORATION**

filling ratio

1 : 25

95 l/h = 1,6 l/min.
95.2/h = 1.6kg/min.steam heating - 10 bar saturated steam
evaporation depending on local conditions**DRUM**-diameter x depth
-volume1120 x 1000 mm
1000 dm³**APPLICATION**

drying, pre-drying and loosening of extracted laundry

STANDARD VERSION

Solid design
Manual cyclic loading and unloading at the front through large hinged 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
Therm.-electronic display of exhaust air temperature
Heat and noise insulation
Individual control

Drum of stainless steel
Radial-diagonal air flow
Central, reversible drum drive by V-belts
Large lint filter of stainless steel mesh
Motor protective switch
Easy maintenance and inner surface cleaning
Machine equipped in accordance with relevant safety standards

SPECIAL VERSION

Cool down system, time controlled
Recirculation system for optimal finish and low energy consumption with adjustable exhaust -/ recirculation ratio, 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 incl. lifting door with window shield

Therm.-electronic over drying protection ÜS
Special voltage, special frequency
CSA-, Nema / UL-regulation
Special finish
Drum poly coated
Therm.-electronic temperature control by piston valve or motorized valve up to 15 bar
Therm.-electronic temperature control of inlet - and exhaust air (SAT)
Rigid steam and condensate supply connections
Steam trap

CONNECTED LOAD AND CONSUMPTION RATE

Electric
Saturated steam 10 bar
Nominal heating capacity
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

3,6 kW
250 kg/h
110 kW
4750 l/h
0-65 l/h

CONSUMPTION

3,1 kWh
195 kg/h
4750 l/h
0-50 l/h

EXHAUST AIR RATE

Exhaust air rate with recirculation drying cycle in operation
With cool down cycle max.
Counter pressure from local exhaust pipe max. permitted

2200 - 3100 m³/h
4000 m³/h
2,8 mbar

PACKING

Cubic capacity - 5,9 m³
Width 1400 mm x height 2350 mm x depth 1800 mm

WEIGHTS

Tumbler net 540 kg, op. weight approx. 650 kg
Packing: planks and PVC-cover, gross 600 kg

Subject to alterations