



ML = Moist Linen
DL = Dry Linen
E = Electrical Supply
IA = Inlet Air
EX = Exhaust
LR = Lint Removal
OS = Operation Side

S = Steam DN 25
C = Condensate DN 15
A = Compressed Air

Entrance Dimensions:
Height = 1800 mm
Width = 860 mm

Foundation Load Each Leg
= 55 kg

Recommended minimum wall
clearance = 600 mm

Subject to alterations

Documentation

Broadbent Laundry Systems
Queen Street South, Huddersfield

Edition 0004

BATCH TUMBLER**FL 601 STEAM****FILLING CAPACITY**

	10 kg	8 kg	7 kg
at filling ratio	1 : 20	1 : 25	1 : 30

WATER EVAPORATION

filling ratio	1 : 25	14 l/h = 0,23 l/min.
steam heating - 10 bar saturated steam		14kg/h = 0.23kg/min.
evaporation depending on local conditions		

DRUM

-diameter x depth	750 x 460 mm
-volume	200 dm ³

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
Individual control
Heat and noise insulation
Large lint filter of stainless steel mesh
Motor protective switch

Drum of stainless steel
Radial-diagonal air flow
Centralized drum drive by V-belts
Easy maintenance and inner surface cleaning
Therm.-electronic display of exhaust air temperature
Machine equipped in accordance with relevant safety standards

SPECIAL VERSION

Cool down system, time controlled
Thermostatic-electronic over drying protection ÜS
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
Steam trap

Special voltage, special frequency
CSA-, Nema / UL-regulation
Special finish
Drum reversing gear
Therm.-electr. temperature control by piston valve or motorized valve for a steam pressure up to 8 bar or steam pressure up to 15 bar

CONNECTED LOAD AND CONSUMPTION RATE

	CONNECTED LOAD	CONSUMPTION
Electric	1,0 kW	0,85 kWh
Saturated steam 10 bar	35 kg/h	28 kg/h
Nominal heating capacity 16 kW		
Hot oil 225/180°C or hot water 200/180°C	700 l/h	700 l/h
Compressed air 6 bar, only for piston valve		
Consumption depending on local conditions		

EXHAUST AIR RATE

Exhaust air rate with drying and with cool down cycle max.	1000 m ³ /h
Counter pressure from local exhaust pipe max. permitted	0,8 mbar

PACKING

Cubic capacity - 2,3 m³
Width 1000 mm x height 1900 mm x depth 1200 mm

WEIGHTS

Tumbler net 185 kg, op. weight approx. 210 kg
Packing: planks and PVC-cover, gross 225 kg

Subject to alterations