# DD-14 BRONZE EM
# BRONZE dryers

## ELECTRONIC CONTROL

Easy-to-use electronic control with push buttons to control temperature and time

## FEATURES

Reversing drum action as standard
Stainless steel drum as standard
Frequency inverter as standard

## EFFICIENCY

**DOUBLE FLOW** - mixed axial-radial airflow
Big fluff filter as drawer

## VERSATILITY

Make to order - customisation
OPL > Multivending - Standard OPL model easily trasformable to coin laundry uses

## ERGONOMICS

Drawer as fluff filter, stainless steel mesh
Big door diameters
Opening sense of door adjustable on site

## MAINTENANCE

Hinged control panel: easy and ergonomic access
Technical menu: statistics, data recovery for after-sales service, software updates, etc.
Easy access to components

## OTHERS

Grey skinplate outer casing, stainless steel look
**NEW**: transmission by gear motor on models DD-45 to 80
**SOFT DRY** - new drum with stamped holes
**COOL DOWN** - anti-wrinkle at the end of the cycle
Electric, gas or steam heating
CE approved



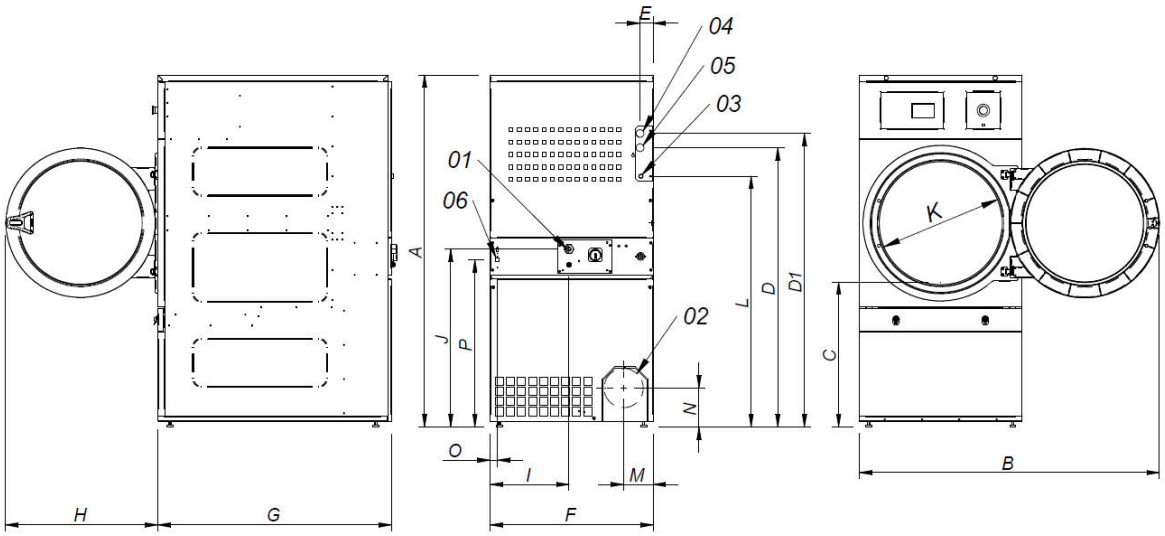
## OPTIONS

- DG Double doorglass DD-11-28
- NG Natural gas heated tumble dryer (LPG as standard)
- RD Opposite door opening 11-35
- BMS New display for EM programmer 11-35
- AF Back panel with air filter from 11 to 35
- F06 Fluff filter with grid 0,6mm (standard is 0,3mm)
- F12 Fluff filter with grid 1,2 mm (standard is 0,3 mm)
- AU AGA certification for gas dryers (Australia)
- RP Reduced power (12kw instead of 18kw) for electric heated 14kg and 18kg models.
- SSC Stainless steel outer casing (AISI-304) 14, 18
- SSF Stainless steel front panel (AISI-304) 11, 14, 18
- BSS Stainless steel steam battery 11-14-18
- WB Wooden packing 14,18
- 400V 3N 60 Hz DD--11-35
- 230V 3~ 50 Hz DD-11, 14, 18 E
- 230V 3~ 60 Hz DD-11,14, 18 E
- 230V 3~ 60 Hz DD-11,35 G/S
- 440/480V 3~ 60 Hz DD- 11,18
- Several payment systems for self-service

| CAPACITY & DRUM | UNIT. | DD-14 BRONZE EM |
|---|---|---|
| Capacity 1/18 | Kg | 15 |
| | lb | 33,1 |
| Capacity 1/20 | Kg | 13,5 |
| | lb | 29,8 |
| Ø Drum | mm | 750 |
| | inch | 29,5 |
| Drum length | mm | 610 |
| | inch | 24 |
| Drum volume | l | 270 |
| | cu ft | 9,53 |
| Ø Door hole | mm | 574 |
| | inch | 22,6 |
| Door center height | mm | 976 |
| | inch | 38,4 |
| Height from floor to bottom of door | mm | 618 |
| | inch | 24,33 |
| **ELECTRIC HEATING** | | |
| Evaporation capacity | L/h | 13,5 |
| | US gallon/h | 3,57 |
| Hourly output | Kg/h | 26,9 |
| | lb/h | 59,30 |
| Installed heating power | kW | 18 |
| Installed electrical power | kW | 18,67 |
| Drum motor power | kW | 0,37 |
| **GAS HEATING** | | |
| Evaporation capacity (gas model) | L/h | 15,4 |
| | US gallon/h | 4,07 |
| Hourly output (gas model) | Kg/h | 30,25 |
| | lb/h | 66,69 |
| Installed gas heating power | kcal/h | 17727 |
| | Btu/h | 69996 |
| Installed gas heating power | kW | 20,5 |
| Installed electrical power | kW | 0,67 |
| Instant propane gas consumption (G31) | Kg/h | 1,76 |
| | lb/h | 3,88 |
| Instant natural gas consumption (G20) | $m^3/h$ | 2,17 |
| | cfm | 1,28 |
| Ø Gas inlet | BSPP ISO 228-1 | 1/2" |
| **STEAM HEATING** | | |
| Installed steam heating power | kW | 30 |
| | Btu/h | 102364 |
| Installed electrical power | kW | 0,67 |
| Steam consumption (8 barG) - Standard | kg/h | 53 |
| Steam consumption (116 psiG) | lb/h | 63,8 |
| Steam pressure | barG | 6 - 9 |
| | psiG | 87 - 130,5 |
| Standard steam inlet - outlet | BSPT- ISO7.1 | 3/4" |
| Steam inlet - condensate outlet | NPT ANSI B1.20.1 Tapered | 3/4" |
| Steam consumption (5 barG) - Low Pressure | kg/h | 57 |
| Steam consumption (72,5 psiG) - Low Pressure | lb/h | 68,7 |
| Steam pressure (low pressure) | barG | 3 - 6 |
| | psiG | 43,5 - 89 |
| Low pressure steam inlet - outlet | BSPT- ISO7.1 | 1" |
| **VENTILATION** | | |
| Fan motor power | kW | 0,25 |
| Nominal air flow rate | $m^3/h$ | 850 |
| | cfm | 500 |

| | | | |
|---|---|---|---|
| Ø Fume exhaust | mm | 200 | |
| | inch | 7,87 | |
| **HEAT EMISSION** | | | |
| Maximum total heat emission | kW | 1,8 | |
| | Btu/h | 6145 | |
| Max. front heat emission | kW | 1,3 | |
| | Btu/h | 4302 | |
| **CONNECTIONS** | | E | G / S |
| Tension 230V - I + N + T | Nº x mm² / A | - | 3 x 1,5 / 16A |
| Tension 230V - III + T | Nº x mm² / A | 4 x 16 / 63A | 3 x 1,5 / 16A |
| Tension 400V - III + N + T | Nº x mm² / A | 5 x 10 / 32A | 3 x 1,5 / 16A |
| **NET DIMENSIONS / PACKING DIMENSIONS** | | | |
| Net / gross width | mm | 785 / 865 | |
| | inch | 30,9 / 34,1 | |
| Net / gross depth | mm | 989 / 1.074 | |
| | inch | 38,9 / 42,3 | |
| Net height / gross height (* without heating) | mm | 1.694 / 1.840 | |
| | inch | 66,7 / 72,4 | |
| Net / gross weight | Kg | 180 / 190 | |
| | lb | 397 / 419 | |
| **OTHERS** | | | |
| Sound level | dB | 64 | |

* Sizes Gas or steam 45 kg model same as model 80 kg (incorporates the batteries at the back)




01 POWER SUPPLY
02 FUMES OUTPUT Ø200
03 GAS INLET 1/2"
04 STEAM INLET 3/4"
05 CONDENSATE OUTLET 3/4"
06 ETHERNET CONNECTION (only available CONTROL ET2 models)

| | A | B | C | D | D1 | E | E1 | F | G | H | I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DD-11 | 1694* | 1447 | 689 | 1354 | 1422 | 68 | 68 | 785 | 855 | 735 | 380 | 870 | 575 | 1226 | 133 | 180 | 35 | 805 |
| DD-14 | 1694* | 1447 | 689 | 1354 | 1422 | 68 | 68 | 785 | 989 | 735 | 380 | 870 | 575 | 1226 | 133 | 180 | 35 | 805 |

* Measurement with legs mounted (30mm)