

Dryer PowerDry D-60

Type	D 60-D-DL	D 60-D-WU	D 60-G-WU	D 60-G-WU TURBO	Unit
General information					
Max. evaporation efficiency ⁽⁰¹⁾	2,6	2,6	3,7	4,1	l/min
Ø evaporation efficiency	2,2	2,2	3,1	3,4	l/min
E Electrical connection					
Supply voltage [U _A]	3 x 400	3 x 400	3 x 400	3 x 400	V
Mains frequency	50	50	50	50	Hz
Connection value [S] ⁽⁰²⁾	15	15	15	15	kVA
Connection value with PAF I [S]	17,2	17,2	17,2	17,2	kVA
Current consumption [I _A]	22	22	22	22	A
Current consumption with PAF I [I _A]	25,15	25,15	25,15	25,15	A
Peak current [I _s] ⁽⁰³⁾	60	60	60	60	A / 10 s
Leakage current [I _L] ⁽⁰⁴⁾	25	25	25	25	mA
cos φ	~0,9	~0,9	~0,9	~0,9	-
Terminal size	10 - 70	10 - 70	10 - 70	10 - 70	mm ²
Power rating, ventilator	7,5	7,5	7,5	7,5	kW
CA Compressed air connection					
Connection ⁽⁰⁵⁾	12	12	12	12	mm
Operating pressure	6,5	6,5	6,5	6,5	bar
Compressed air consumption ⁽⁰⁶⁾	162	172	172	172	NI/h
Additional compressed air consumption for tilt unloading ⁽⁰⁶⁾	+260	+260	+260	+260	NI/h
Additional compressed air consumption for PAF I ⁽⁰⁶⁾	+281	+281	+281	+281	NI/h
Additional compressed air consumption for Infratouch ⁽⁰⁶⁾	+420	+420	+420	+420	NI/h
G Gas connection					
Connection ⁽⁰⁷⁾	—	—	1½"	1½"	-
Operating pressure	—	—	0,03 - 0,36	0,03 - 0,36	bar
Gas consumption ⁽⁰⁸⁾	—	—	171,7	182,3	kWh/h
Gas connection value	—	—	260	310	kW
Specific gas consumption (Gas / H ₂ O) ⁽⁰⁹⁾	—	—	1,4	1,4	kWh/l
W Water connection					
Connection ⁽¹⁰⁾	25	25	25	25	mm
Operating pressure	4 - 8	4 - 8	4 - 8	4 - 8	bar
Water consumption	0	0	0	0	l/h
Max. throughflow ⁽¹¹⁾	110	110	110	110	l/min
S Steam connection					
Connection ⁽¹²⁾	DN 40	DN 40	—	—	-
Operating pressure	< 13	< 13	—	—	bar
Steam consumption ⁽¹³⁾	282	190	—	—	kg/h
Max. throughflow	7,1	4,8	—	—	kg/min
Specific steam consumption (Steam / H ₂ O) ⁽⁰⁹⁾	2,6	1,9	—	—	kg/l
C Condensation					
Connection ⁽¹²⁾	DN 25	DN 25	—	—	-
Max. temperature	160	160	—	—	°C
Max. back pressure	5	5	—	—	bar
Max. throughflow	7,1	4,8	—	—	kg/min
EX Exhaust air					
Connection	Ø 400	Ø 400	Ø 400	Ø 400	mm
Exhaust air volume flow ⁽¹⁴⁾	7700	2300 7700	2300 7700	2300 7700	m ³ /h
Max. back pressure	250	250	250	250	Pa
Max. temperature	120	120	120	120	°C
Max. temperature for InfraTouch automatic option	150	150	150	150	°C
AI Air supply					
Connection ⁽¹⁵⁾	—	Ø 400	Ø 400	Ø 400	mm
Suction volume flow ⁽¹⁴⁾	—	2300 7700	2300 7700	2300 7700	m ³ /h
Max. vacuum	—	200	200	200	Pa

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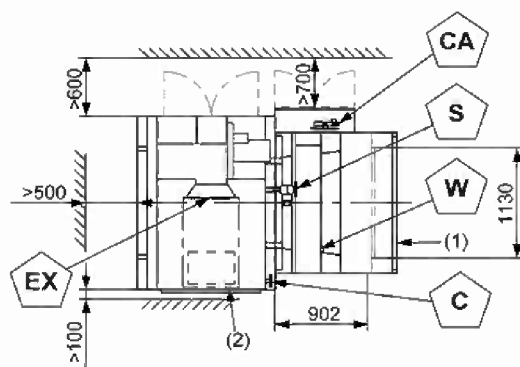
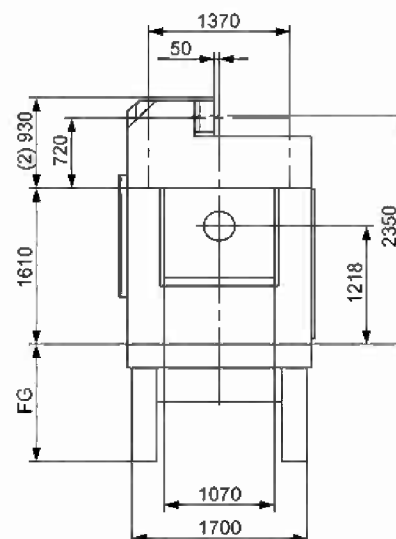
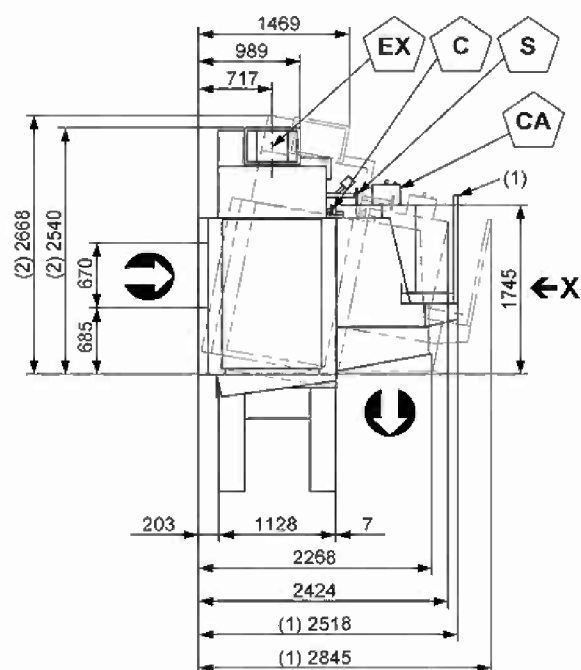
Type	D 60-D-DL	D 60-D-WU	D 60-G-WU	D 60-G-WU TURBO	Unit
Dimensions					
Machine dimensions (WxHxD) ⁽¹⁶⁾	1899x 2540x 2268	1899x 2533x 2268	1899x 2533x 2268	1899x 2533x 2268	mm
Transport dimensions (WxHxD)	1899x 2540x 2268	1899x 2533x 2268	1899x 2533x 2268	1899x 2533x 2268	mm
Transport opening (WxH)	2050x 2750	2050x 2750	2050x 2750	2050x 2750	mm
Drum					
Diameter	1270	1270	1270	1270	mm
Depth	1215	1215	1215	1215	mm
Volume	1556	1556	1556	1556	l
Rated filling quantity (at 1:25 kg/l) ⁽¹⁷⁾	60	60	60	60	kg
Weights					
Transport weight	1950	1950	1900	1900	kg
Operating weight ⁽¹⁸⁾	1950	1950	1900	1900	kg
Foundation loads					
Static point load at the foot ⁽¹⁹⁾	0,17	0,17	0,17	0,17	N/mm ²
Dynamic point load ⁽²⁰⁾	0,34	0,34	0,34	0,34	kN
Excitation frequency of the dyn. point load	0,3 - 0,7	0,3 - 0,7	0,3 - 0,7	0,3 - 0,7	Hz
Number of feet	4	4	4	4	[pcs.]
Surface of the individual foot	37300	37300	37300	37300	mm ²
Miscellaneous					
Heat emission	7,8	7,8	7,8	7,8	kW
Heat emission with Super Silent	6,7	6,7	6,7	6,7	kW
Noise emission	74	74	74	74	dB (A)
Noise emission with Super Silent	70	70	70	70	dB (A)

All specified consumption values are average values under standard conditions. The effective capacity depends on the conditions at the operating site and the type of laundry items. Depending on the processing method, significant fluctuations in these values are possible.

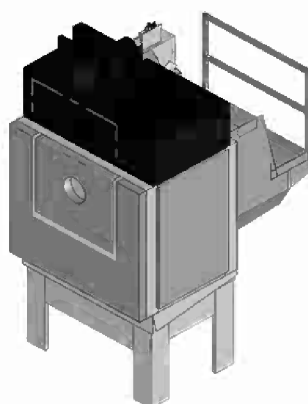
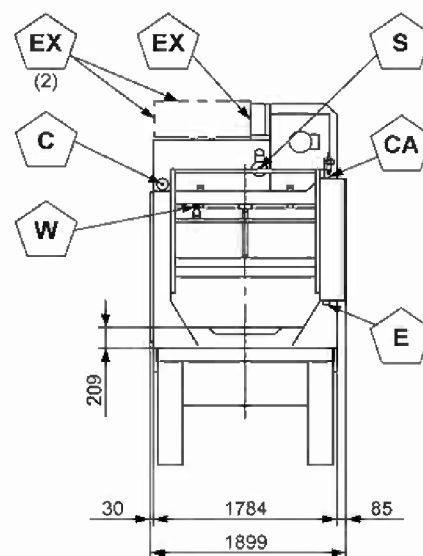
- (01) Evaporation capacity in the main drying phase with the nominal filling quantity: 60 kg, filling ratio 1:25 kg/l, terry cloth material up to 365 g/m³
- (02) The connection value S in [kVA] is based on the equation: $S = \sqrt{3} \cdot I_A \cdot U_A$
- (03) I (S) Peak current at start-up (1x per batch)
- (04) I (L) Leakage current, is diverted to PE. The protective earth conductor must have a minimum cross section of 10 mm² CU.
- (05) Plug-in connection for pneumatic hose, external diameter according to specification
- (06) The compressed air consumption data is based on 20°C and an ambient pressure of (1000 hPa)
- (07) Dryer gas connection with bevelled pipe outer thread (DIN 2999-R); when a gas connection set II with cylindrical pipe inner diameter (DIN 2999-Rp) is supplied
- (08) The values refer to an average value of approx. 4 batches/h with nominal load, towels, residual moisture of 50%
- (09) Terry cloth material 365 g/m², 50% residual moisture
- (10) Optional water connection (soft water is not necessary) for extinguishing device. Attention! Ensure that water at the appropriate pressure is always available at this connection. Hose nozzle for fabric hose, internal diameter according to specification.
- (11) Calculated according to the flow rate of the extinguishing nozzle
- (12) Flange according to DIN 2635, PN 40. With connection set 1: Condensate connection DN 40.
- (13) The values are based on an average value of 3,2 batches/h
- (14) Small value: Exhaust air quantity during the drying phase. Large value: Exhaust air quantity during the cool-down phase.
- (15) Supply air connection, option
- (16) Depth without service platform. With service platform + 250 mm.
- (17) The optimum filling quantity depends on the volume of the items to be treated and the type of laundry items.
- (18) Weight without foot stand and load
- (19) Including foot stand, 1200 high + maximum load and residual moisture
- (20) Dynamic load per foot at maximum load including residual moisture

All rights for technical modifications withheld

Dryer PowerDry D-60-D-DL-L



View X



(1)	Service platform, optional
(2)	Super Silent, optional; + 65 mm
FG	Height of foot stand

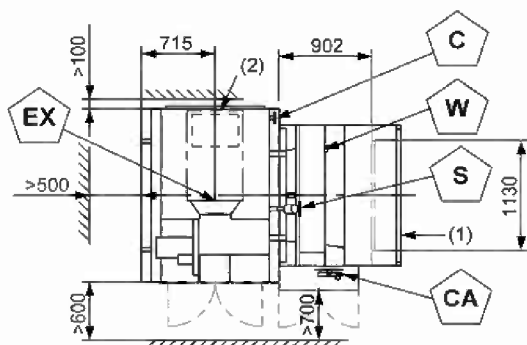
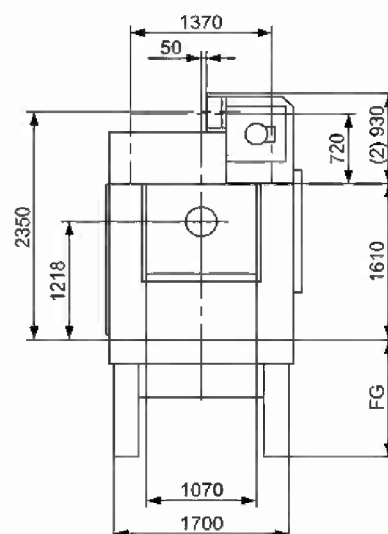
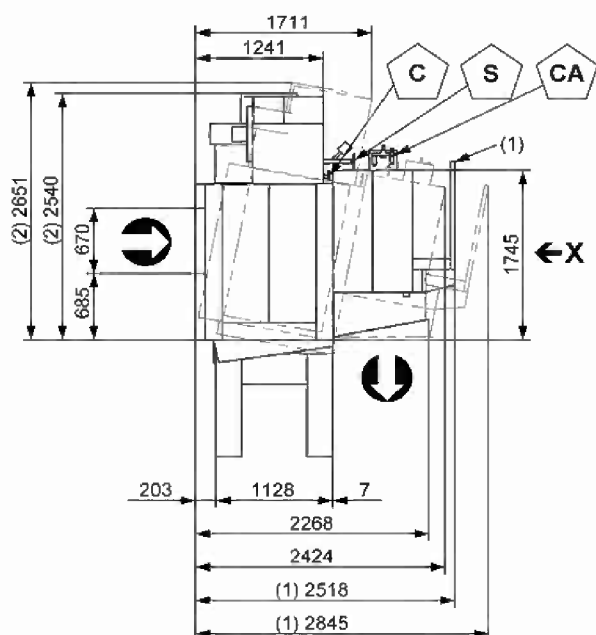
(opt.)

E	Electrical connection
CA	Compressed air connection
W	Water connection
S	Steam connection
C	Condensation
EX	Exhaust air

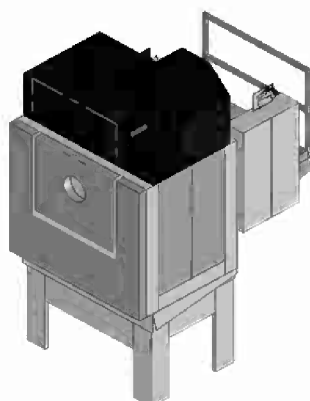
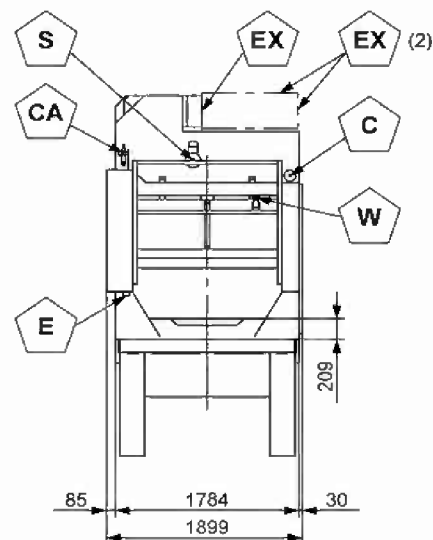
(opt.) This is an optional connection not included in the standard version.

Attention! This sketch is not true to scale. Options may be included in this illustration. All rights for technical changes withheld.

Dryer PowerDry D-60-D-DL-R



View X



(1)	Service platform, optional
(2)	Super Silent, optional; + 65 mm
FG	Height of foot stand

(opt.)

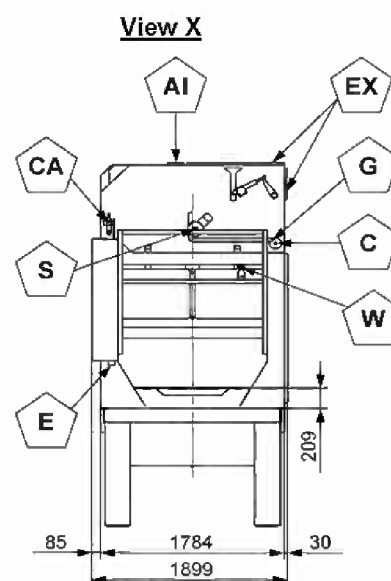
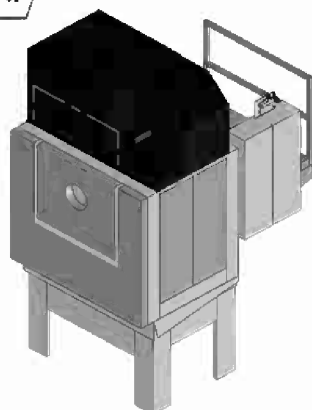
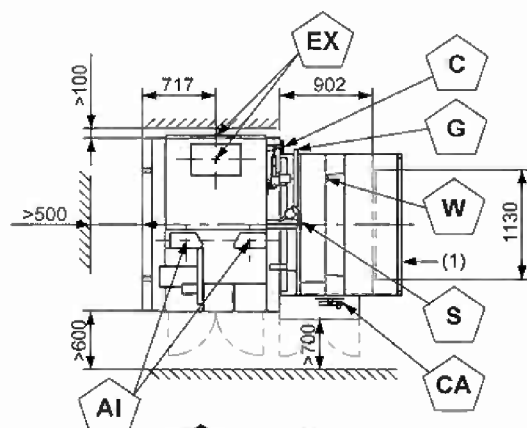
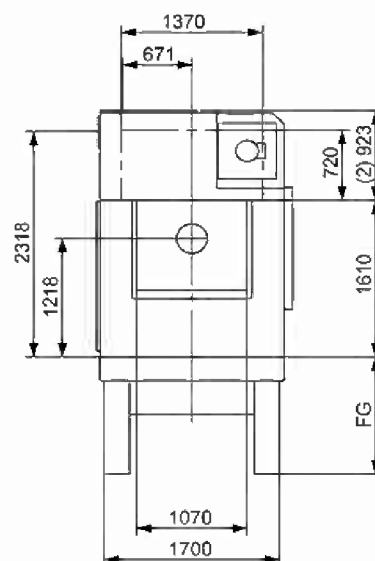
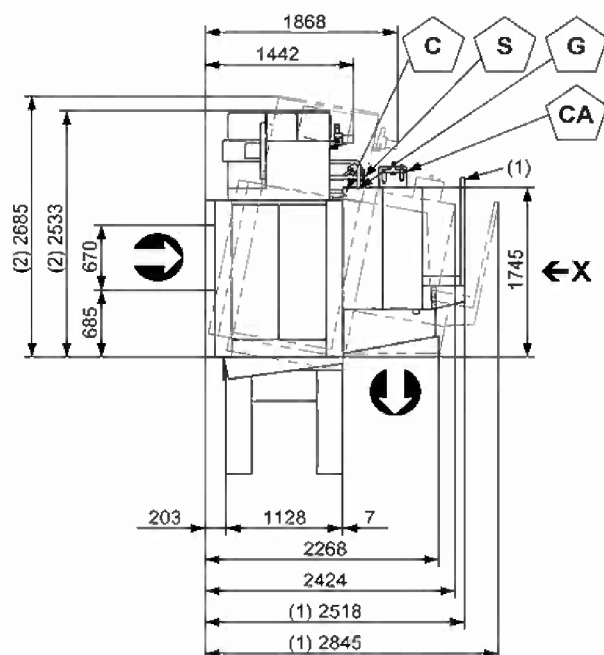
E	Electrical connection
CA	Compressed air connection
W	Water connection
S	Steam connection
C	Condensation
EX	Exhaust air

(opt.) This is an optional connection not included in the standard version.

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Dryer PowerDry D-60-_-WU-R



(1)	Service platform, optional
(2)	Super Silent, optional; + 65 mm
FG	Height of foot stand

E	Electrical connection
CA	Compressed air connection
(opt.) G	Gas connection
(opt.) W	Water connection
(opt.) S	Steam connection
(opt.) C	Condensation
EX	Exhaust air
(opt.) AI	Air supply

(opt.) This is an optional connection not included in the standard version.

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