

JOKER 6-23

with MT control and fresh steam system



HIGHLIGHTS

- **MODULARITY**
Configuration options based on actual requirements
- **CAPACITY**
Maximum use of space with minimum external dimensions, with a cavity 44 cm wide and 40 cm high
- **FLEXIBILITY**
Selectable control position, based on available space
- **DESIGN MODULE**
Form follows function.
Clean lines, clear touch screen, simple operation

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Device data

6-23	
Material	1.4301
Design module	according to DIN 18866
Protection class	IPX5
Device dimensions	
Control on top, stop on the left / right (WxDxH) [mm]	520 x 625 x 693
Control on the right / stop on the left / right (WxDxH) [mm]	650 x 625 x 560
Weight [kg]	70
Weight, with packaging [kg]	86
Capacity	
Number of inserts	5+1 x GN 2/3
Cavity volume [l]	65
Insert spacing [mm]	67

Electrical connection

Type 6-23	
Voltage 200 V ... 230 V 1 NAC	
Power requirement [kW]	3.6
Rated current [A]	15.7
Fuse protection	1 x 16 A
Residual-current circuit breaker	Type B
Tripping current [mA]	30
Cable cross section (recommended) [mm ²]	1.5
Voltage 380 V ... 415 V 3 NAC	
Power requirement [kW]	5.8
Rated current [A]	8.4
Fuse protection	3 x 10 A
Residual-current circuit breaker	Type B
Tripping current [mA]	30
Cable cross section (recommended) [mm ²]	1.5

Heat output, heat emissions

6-23	
Heat, latent [MJ/h (kW)]	2.3 (0.6)
Heat, sensitive [MJ/h (kW)]	1.6 (0.4)
Noise [db (A)]	<70

JOKER 6-23 with MT module and fresh steam system

Setting up

Safety distance [mm]	rear	min. 50
	right	min. 50
	left	min. 50
Minimum clearance [mm]	to combi steamers, ovens, convection units	min. 50
	to deep fryers, open/hot fat/oil, heat sources, gas appliances	min. 1000

Water/Waste water

Water supply

Water supply/dim [A]	2 x G 3/4"
Flow pressure [bar (kPa)]	2 - 6 (200 - 600)

Waste water connection

Without cleaning	External siphon/connection
With hand shower	External siphon/connection
With autoclean® PRO	Permanent connection
Type	DN40 (min. inside dia.: 36 mm) for permanent connection
Drain line gradient [%]	min. 3

Soft water quality

General requirement:	Drinking water
Total hardness	
[°dH]	≤ 3
[ppm]	70 - 125
[°TH]	7 - 13
[°e]	5 - 9
pH value	7.0 - 8.5
Cl (chlorine) [mg/l]	max. 60
Cl ₂ (free chlorine) [mg/l]	max. 0.2
SO ₄ ²⁻ (sulphate) [mg/l]	max. 150
Fe (iron) [mg/l]	max. 0.1
Temperature [°C]	max. 50
electrical conductivity [μS/cm]	20 - 90
Water pressure [bar]	4 (2 - 6)

Hard water quality

General requirement:	Drinking water
Total hardness	
[°dH]	≤ 14
[ppm]	≤ 250
[°TH]	≤ 25
[°e]	≤ 18

Maximum water flow

Soft water

Without cleaning	0.3 l/min
With hand shower	0.3 l/min
With autoclean® PRO	0.3 l/min

JOKER 6-23 with MT module and fresh steam system

Maximum water flow

Hard water

Without cleaning	6.8 l/min
With hand shower (at 4 bar)	4.8 l/min
With autoclean® PRO:	6.8 l/min

Equipment

- 12 operating modes:
 - Steaming
 - Intensive steaming
 - Vario steaming
 - Convection
 - Combi-cooking
 - Low-temperature cooking
 - Delta-T cooking
 - Regenerating
 - Baking with steam injection
 - Holding
 - Proofing
 - Thawing
- 7" capacitive screen
- Inner and outer housing made of rustproof stainless steel
- IPX 5 (resistant to water jets)
- Seamless hygienic cooking chamber
- Adjustable air deflector
- Door with triple glazing and LED lighting
- Quick-action door closure
- Supply air/exhaust air
- Internal core temperature probe with 4 measuring points
- USB interface
- Frequency converter
- Manual cooking / Manual baking:
 - Temperature, adjustable between 30°C - 300°C - to the exact degree
 - Core temperature, adjustable between 20°C - 100°C - to the exact degree
 - Humidity can be exactly adjusted between 0 - 100%
 - Steam injection, adjustable in ml or over time
 - Manual humidification
 - Automatic resting time in accordance with the steam injection quantity
 - Time, adjustable up to 24 hours, including continuous operation
- Steptronic®
- Step overview
- Alphanumeric memory function with image and sound selection
- Favourites marking during the saving process
- Menu group marking during the saving process
- Product group marking during the saving process
- Bar and product code marking during the saving process
- ADC - Active dehumidification in 5 stages
- Fan speed in 5 increments
- Timed fan speeds

Equipment

- Additional Cooking time
- Repeat mode
- Changing settings during operation
- Stop Preheat during operation
- Half occupancy function
- Last® 20
- Programme list with 400 programs with 20 steps each:
 - Program search
 - Displaying and filtering menu groups
 - Displaying and filtering product groups
- Favourites list:
 - Favourites search
 - Displaying and filtering menu groups
 - Displaying and filtering product groups
- Special programs:
 - Low-temperature cooking
 - Delta-T cooking
 - Regenerating
 - Holding
 - Thawing
 - Proofing
- Weekly programming PRO
- Multi Cooking PRO
- Cool Down function: Auto-Temp (default setting for cooking and autoclean® PRO with liquid cleaner)
- Preheat function with temperature specification, adjustable and adaptable
- E/2 Energy saving function
- SPS® - Steam Protection System
- Timer function: Input of start and end time
- Display of actual/target temperature
- Display of the actual core temperature
- Cool-down function active-temp adjustable (default setting for autoclean® PRO with solid detergent)
- Cool Down function: Adjustable Manual-Temp
- Cleaning & Care
 - semi-automatic cleaning
 - Drying phase freely selectable
 - The drying phase can be interrupted during the cleaning operations
- Settings & Service:
 - Language setting in 25 languages
 - Time and date setting
 - Keyboard setting: 6 different versions
 - Data and HACCP logging and display
 - Automated cleaning and maintenance notices
 - Automatic switching between standard time and daylight saving time
 - Password manager
 - Sound manager
 - Image manager
 - Program manager PRO
- Setting and customisation options (Quick Modes/Direct Modes)
- Start-up Settings
 - Standby image and time
 - Version: light or dark
 - Start screen

JOKER 6-23 with MT module and fresh steam system

Additional module

Hand shower module

- Drying can be interrupted in standard equipment

autoclean® PRO module

- Cleaning & Care - fully automatic cleaning
- Available with liquid cleaner and solid detergent

Module Design

- Unit back cover
 - Unit storage (only with lateral control)
 - Unit colour*
- * Minimum order quantity: 10 devices

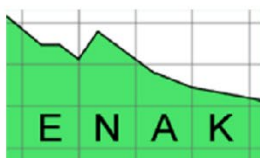
Device options

- Device feet
- Safety door latch
- Electric door latch for automatic door opening
- External core temperature probe
- External sous vide probe
- LAN
- WLAN
- Energy optimization connection
- Connection of potential-free contact to control third-party appliances (e.g. external extractor hoods)

Accessories

- Multi-Eco condensation hood
- Kombimix kits, base frames and Multi-Eco condensation hoods for Mix stations
- Various racks
- Base frames
- Various trays, grills and containers
- ProConnect

Approvals/test markings



* EnergyStar energy efficiency test only for JOKER 6-11

JOKER 6-23 with MT control and fresh steam system

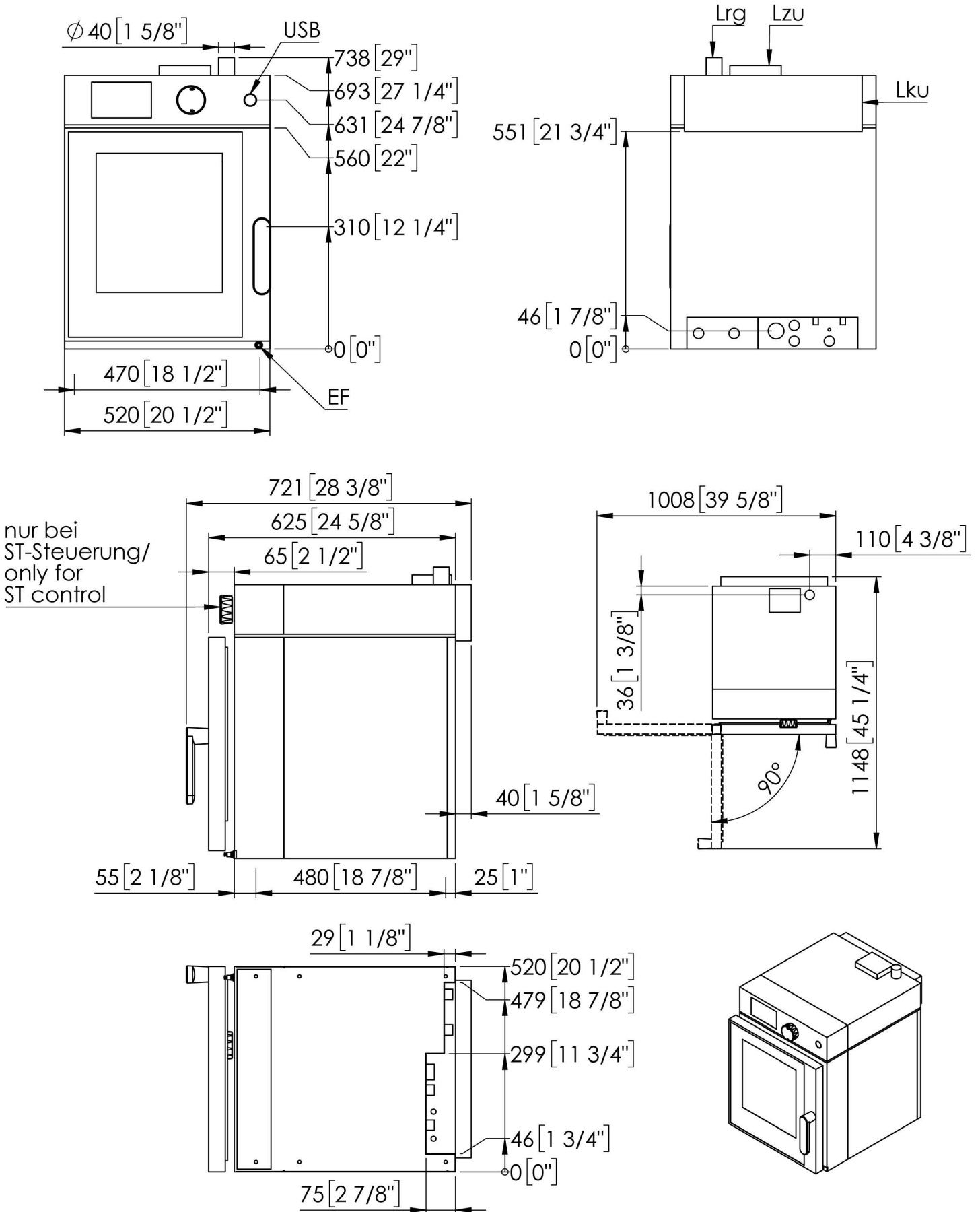
Dimensional drawings (all dimensions in mm [inches])

Key for dimensional drawings

Designation	Meaning
A	Waste water connection (DN40)
Lzu	Supply air opening
Lrg	Exhaust air pipe
Lku	Air intake duct for device cooling
EF	External sensor
USB	USB port

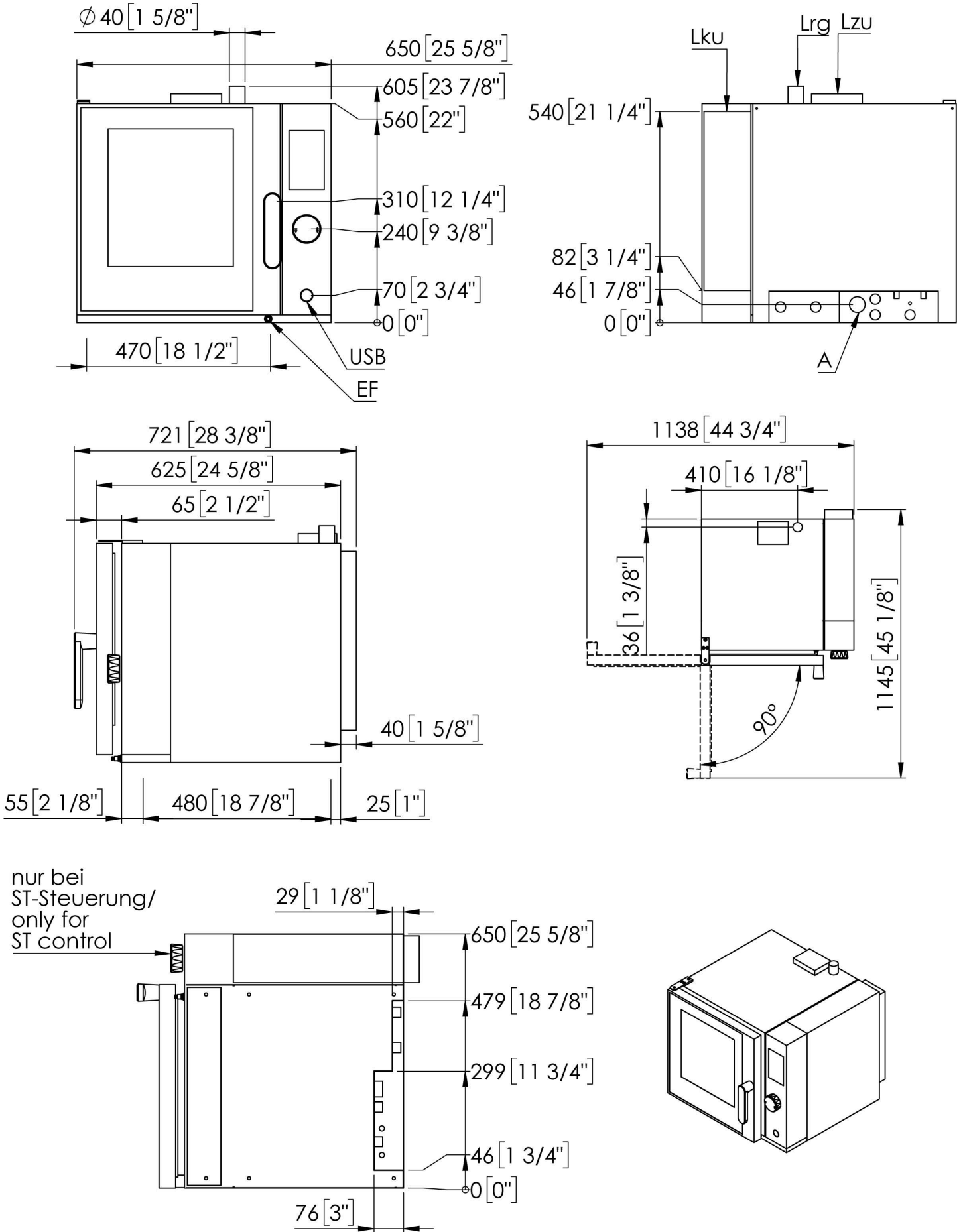
JOKER 6-23 with MT module and fresh steam system

Dimensioned drawing 6-23, door stop on the left, control on top



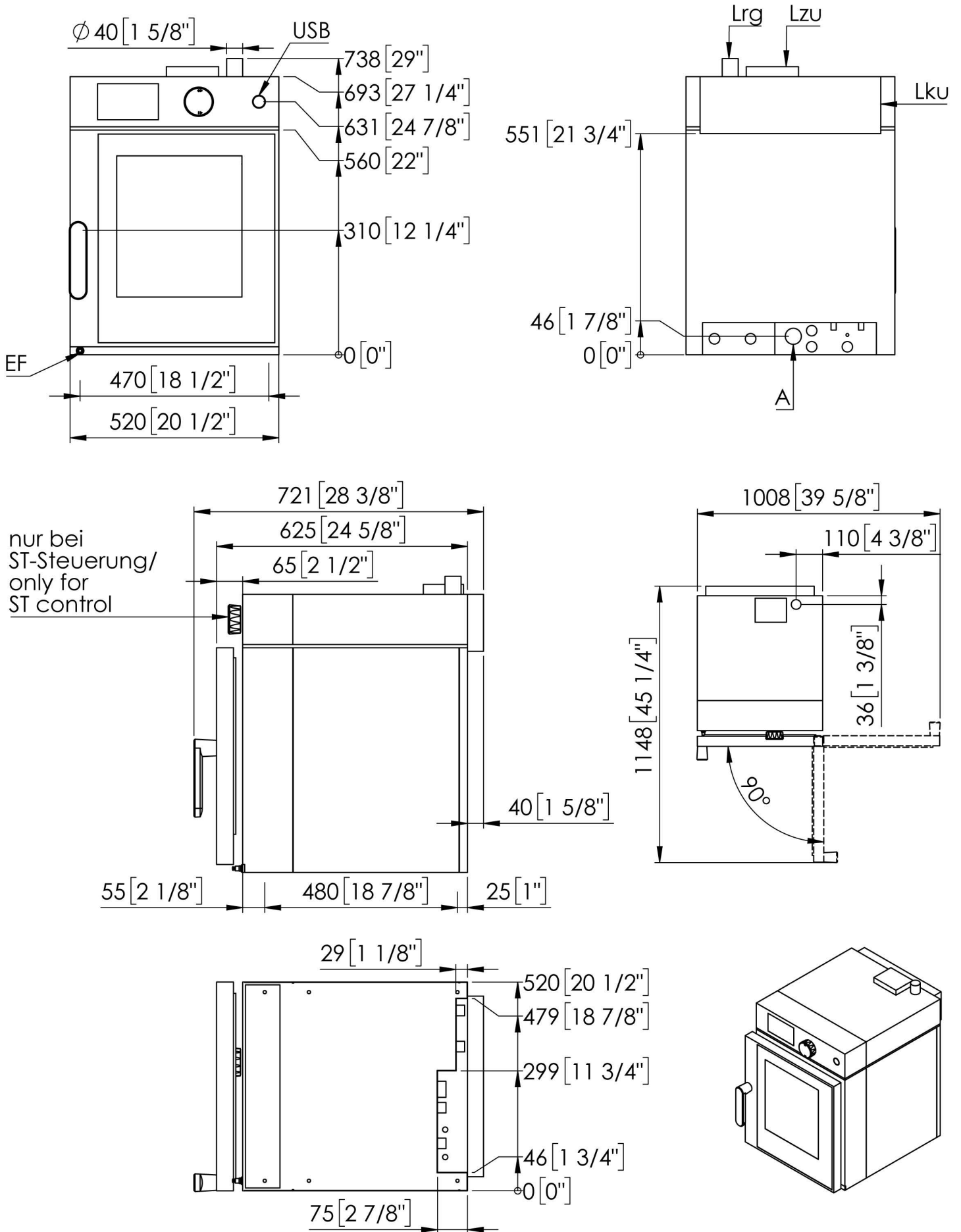
JOKER 6-23 with MT module and fresh steam system

Dimensioned drawing 6-23, door stop on the left, control on the right



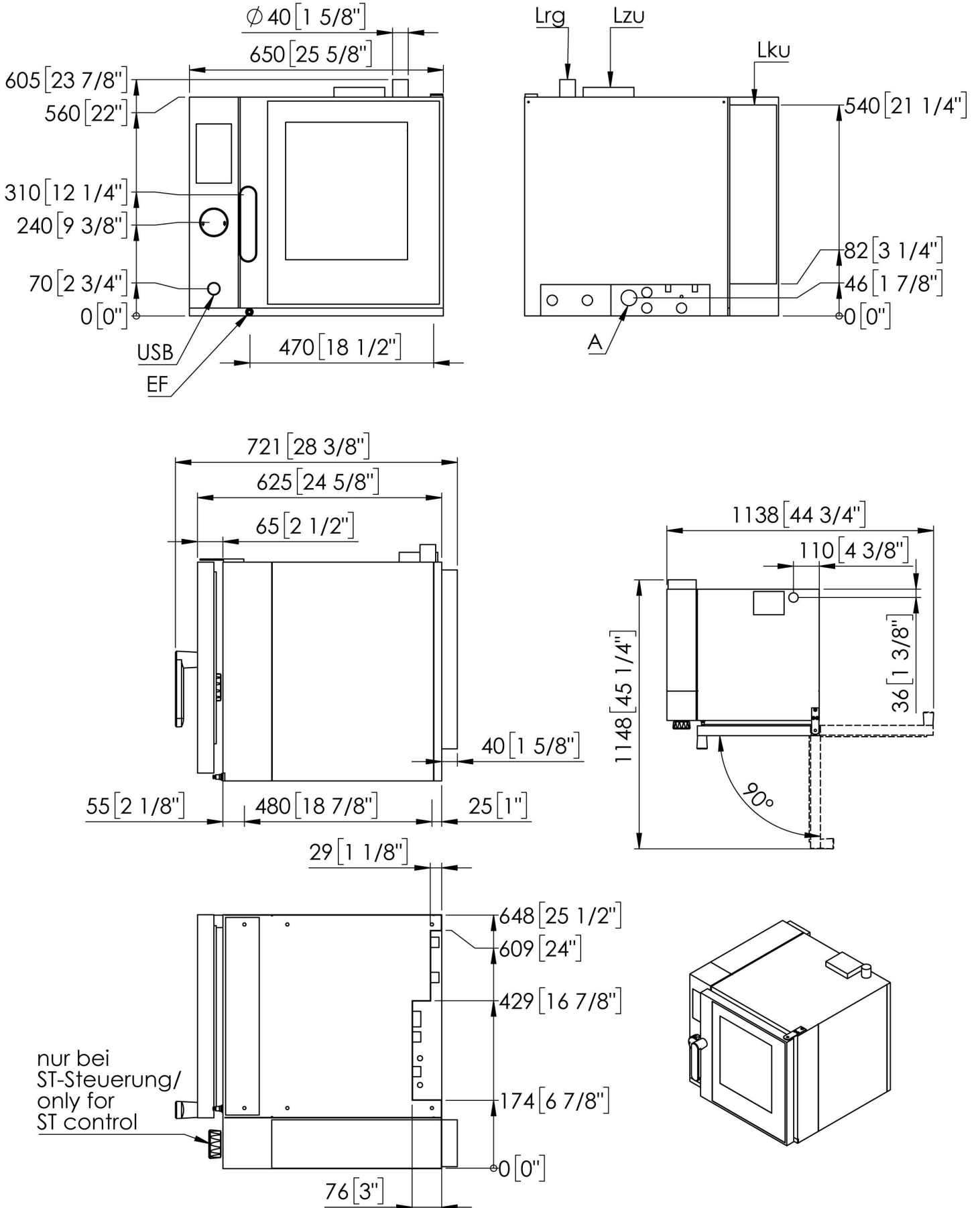
JOKER 6-23 with MT module and fresh steam system

Dimensioned drawing 6-23, door stop on the right, control on top



JOKER 6-23 with MT module and fresh steam system

Dimensioned drawing 6-23, door stop on the right, control on the left



JOKER 6-23 with MT module and fresh steam system

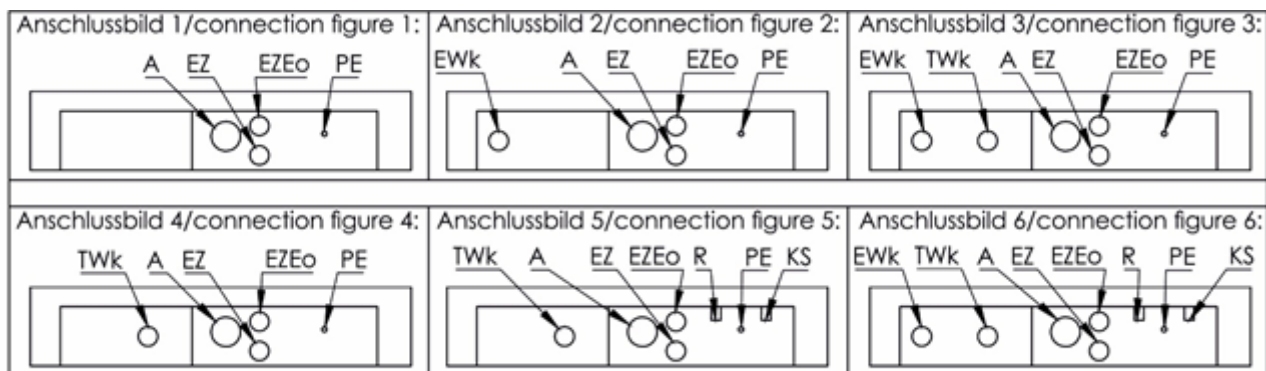
Variants depending on the equipment Water module and Cleaning module (X yes,- no)

Variants depending on the equipment Water module and Cleaning module (X yes, - no)

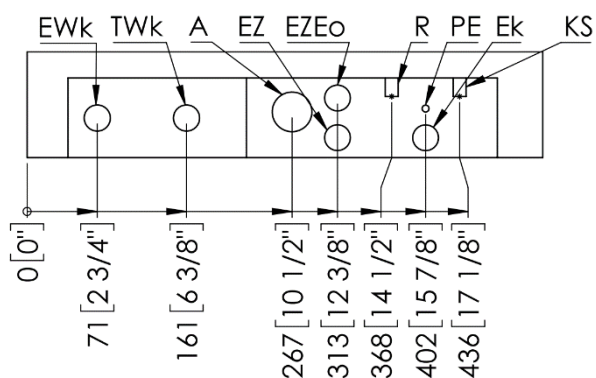
Fresh steam system	Steam Injection	Hand shower hose spray nozzle	autoclean® PRO	connection figure
-	-	-	-	1
-	X	-	-	2
X	-	-	-	
X	-	X	-	3
-	X	X	-	
-	-	X	-	4
-	-	X	X	5
-	-	-	X	
X	-	-	X	
X	-	X	X	6
-	X	-	X	
-	X	X	X	

Key for connection figures

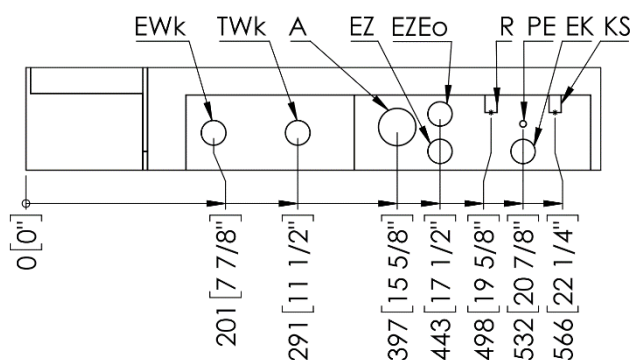
Designation	Meaning
A	Waste water connection (DN40) Connection for waste water line (Dn 1 5/8")
EWk	Anschluss Weichwasser / Connection for soft water
EF	externer Fühler / external sensor
EZ	Stromversorgung / Power supply
EZEo	Optimierungsanlage / Power optimization
PE	Equipotential bonding connection Connection for potential equalization
TWk	Hard water connection Connection for hard water
R	Anschluss für Reiniger / Connection for cleaner
KS	Anschluss für Klarspüler / Connection for rinse



Bedienung oben und rechts / Control top and right



Bedienung links / Control left





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