

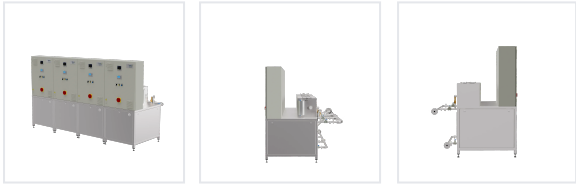
ELECTRIC STEAM GENERATORS · SERIES CDK-QU-H-5

CDK-QU-H-5

Code CDK-QU-H-5 · Line Compact · 5 Performance classes · max. 5 bar(g) · max. 384 kg steam/h



Fig.: CDK-QU-H-5



Performance

Specification	CD36K-QU-H-5	CD45K-QU-H-5	CD54K-QU-H-5	CD63K-QU-H-5	CD72K-QU-H-5
Steam Output (kg/h)	192	240	288	336	384
Heat output (kcal/h)	126,421	158,026	189,631	221,236	252,841
Working pressure min. (bar(g))	1.0	1.0	1.0	1.0	1.0
Working pressure max. (bar(g))	5.0	5.0	5.0	5.0	5.0
Max. operating pressure (bar(g))	5.8	5.8	5.8	5.8	5.8
Max. Steam Temperature (°C)	158.8	158.8	158.8	158.8	158.8

Electrical ratings

Specification	CD36K-QU-H-5	CD45K-QU-H-5	CD54K-QU-H-5	CD63K-QU-H-5	CD72K-QU-H-5
Operating Voltage (V)	400	400	400	400	400
Frequency (Hz)	50	50	50	50	50
Phases	3+PE	3+PE	3+PE	3+PE	3+PE
Heating Output (kW)	4× 36	4× 45	4× 54	4× 63	4× 72
Heating element arrangement	4x	4x	4x	4x	4x
Total Connected Load (kW)	148	184	220	256	292
Control voltage (V DC)	24	24	24	24	24
Total rated current (A)	4× 54	4× 67	4× 80	4× 92	4× 106
Fusing (site-supplied) (A)	4× 63	4× 80	4× 100	4× 100	4× 125
Minimum cross-section (mm²)	4x 4x25,0	4x 4x35,0	4x 4x35,0	4x 4x35,0	4x 4x50,0

Mechanical Connections

Specification	CD36K-QU-H-5	CD45K-QU-H-5	CD54K-QU-H-5	CD63K-QU-H-5	CD72K-QU-H-5
Steam Line	Flansch DN25	Flansch DN32	Flansch DN32	Flansch DN32	Flansch DN32
Water Inlet	Sonstige 2x AG R1/2"	Sonstige 2x AG R1/2"	Sonstige 2x AG R1/2"	Sonstige 2x AG R1/2"	Sonstige 2x AG R1/2"
Blowdown valve	Flansch DN32	Flansch DN32	Flansch DN32	Flansch DN32	Flansch DN32
Safety valve	Flansch DN32	Flansch DN32	Flansch DN32	Flansch DN32	Flansch DN32
Condensate safety valve	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Condensate steam line	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"	IG 1/2"
Tank overflow / drain	AG G3/4"	AG G3/4"	AG G3/4"	AG G3/4"	AG G3/4"
Tank condensate inlet	IG G1/2"	IG G1/2"	IG G1/2"	IG G1/2"	IG G1/2"
Flash steam	IG G3/4"	IG G3/4"	IG G3/4"	IG G3/4"	IG G3/4"

Compressed air

Specification	CD36K-QU-H-5	CD45K-QU-H-5	CD54K-QU-H-5	CD63K-QU-H-5	CD72K-QU-H-5
Compressed air min. (bar(g))	5.5	5.5	5.5	5.5	5.5
Compressed air max. (bar(g))	10.0	10.0	10.0	10.0	10.0

Dimensions & Emissions

Specification	CD36K-QU-H-5	CD45K-QU-H-5	CD54K-QU-H-5	CD63K-QU-H-5	CD72K-QU-H-5
Width (mm)	3,200	3,200	3,200	3,200	3,200
Height (mm)	1,850	1,850	1,850	1,850	1,850
Length (mm)	1,000	1,000	1,000	1,000	1,000
Weight (kg)	1,400	1,400	1,400	1,400	1,400
Sound Pressure Level (dB(A))	63	63	63	63	63

Equipment levels

Castor frame

For easily changing the installation location.

Special voltage

For example for use abroad.

Heating output selector switch with 3 power levels

Air-conditioned control cabinet

At an ambient temperature above 30°C.

Standards & compliance: CE · Pressure Equipment Directive 2014/68/EU · EMC Directive 2014/30/EU · Low Voltage Directive 2014/35/EU · VDE-compliant wiring