

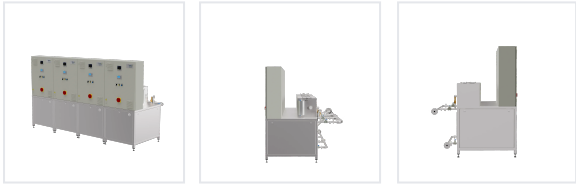
ELECTRIC STEAM GENERATORS · SERIES CDK-QU-H-10

CDK-QU-H-10

Code CDK-QU-H-10 · Line Compact · 5 Performance classes · max. 10 bar(g) · max. 384 kg steam/h



Fig.: CDK-QU-H-10



Performance

Specification	CD36K-QU-H-10	CD45K-QU-H-10	CD54K-QU-H-10	CD63K-QU-H-10	CD72K-QU-H-10
Steam Output (kg/h)	192	240	288	336	384
Heat output (kcal/h)	127,543	159,429	191,315	223,201	255,087
Working pressure min. (bar(g))	1.0	1.0	1.0	1.0	1.0
Working pressure max. (bar(g))	10.0	10.0	10.0	10.0	10.0
Max. operating pressure (bar(g))	11.5	11.5	11.5	11.5	11.5
Max. Steam Temperature (°C)	184	184	184	184	184

Electrical ratings

Specification	CD36K-QU-H-10	CD45K-QU-H-10	CD54K-QU-H-10	CD63K-QU-H-10	CD72K-QU-H-10
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)	152	188	224	260	296
Control voltage (V DC)	24	24	24	24	24
Total rated current (A)	4× 55	4× 68	4× 81	4× 93	4× 107
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-10	CD45K-QU-H-10	CD54K-QU-H-10	CD63K-QU-H-10	CD72K-QU-H-10
Steam Line	Flansch DN20	Flansch DN20	Flansch DN25	Flansch DN25	Flansch DN25
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-10	CD45K-QU-H-10	CD54K-QU-H-10	CD63K-QU-H-10	CD72K-QU-H-10
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-10	CD45K-QU-H-10	CD54K-QU-H-10	CD63K-QU-H-10	CD72K-QU-H-10
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