

RENNER refrigeration dryer RKT-CQ + DC Stand-alone unit



RKT-CQ: stand-alone and
for mounting at compressor



DC: stand-alone



RKT-CQ 0020 AB – RKT-CQ 0850 AB DC 1000 AX – DC 1650 AX with electronic control and time controlled or level controlled condensate drain

The compressed air is directed into the refrigeration dryer for processing, and pre-cooled in the air/air-heat exchanger. This pre-cooling takes place in a counter clockwise flow to the escaping, cooled compressed air. This is accomplished without any additional requirement for energy. Further cooling to the pressure dew point occurs in the cooling chamber / air-heat exchanger that is cooled by a cooling agent circuit. During the entire cooling process, the moisture escapes as condensate and is automatically dispensed. The processed compressed air is reheated by the discharged compressed air in the air/air-heat exchanger.

The RENNER refrigeration dryers work environmentally and compatible with completely ozone harmless cooling agents R134a and R407c.

Electronic control of the refrigerant dryer

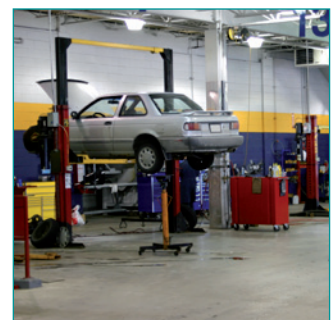
The electronic DDS3 controller is a micro-controller specially developed for compressed air dryers with the following functions:

- Pressure dew point indicator
- Control condensate solenoid valve
- Automatic fan control.

Optional – condensate drain

Level controlled condensate drain with ball valve for easy maintenance. Control DDS5 with alarm contact for dryer.

For further information please see back page.



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Stand-alone unit

RKT-CQ 0020 AB – RKT-CQ 0850 AB / DC 1000 AX – DC 1650 AX								
Type	Capacity m³/min/ cfm	Electrical consumption kW	Pressure loss bar	Compressed air outlet inches	Dimensions L x B x D in mm	Weight in kg	Art.-No. (time controlled)	Art.-No. (level controlled)
RKT-CQ 0020 AB	0,33/12	0,16	0,15	G	360 x 410 x 645	24	07269	07442
RKT-CQ 0035 AB	0,58/21	0,18	0,06	G½	360 x 410 x 645	26	07270	07444
RKT-CQ 0050 AB	0,83/29	0,19	0,09	G½	360 x 410 x 645	27	07273	07448
RKT-CQ 0065 AB	1,08/38	0,22	0,11	G½	360 x 410 x 645	29	07274	07452
RKT-CQ 0085 AB	1,42/50	0,29	0,15	G½	360 x 410 x 645	31	07278	07475
RKT-CQ 0105 AB	1,75/62	0,31	0,40	G½	360 x 410 x 645	31	07279	07256
RKT-CQ 0125 AB	2,08/74	0,39	0,22	G1	360 x 410 x 645	32	07282	07458
RKT-CQ 0150 AB	2,50/80	0,40	0,28	G1	360 x 410 x 645	33	07283	07470
RKT-CQ 0180 AB*	3,00/106	0,53	0,22	G1¼	480 x 660 x 870	55	07286	07472
RKT-CQ 0225 AB*	3,75/133	0,73	0,23	G1¼	480 x 660 x 870	56	07287	07474
RKT-CQ 0300 AB*	5,00/177	0,80	0,42	G1¼	480 x 660 x 870	57	07290	07476
RKT-CQ 0360 AB*	6,00/213	0,81	0,26	G1½	480 x 660 x 870	61	07291	07477
RKT-CQ 0450 AB*	7,50/265	0,76	0,35	G1½	480 x 660 x 870	68	07294	07478
RKT-CQ 0550 AB*	9,17/325	0,79	0,16	G2	645 x 920 x 1055	116	07295	07480
RKT-CQ 0650 AB*	10,83/385	0,88	0,23	G2	645 x 920 x 1055	118	07298	07481
RKT-CQ 0750 AB*	12,50/445	1,35	0,26	G2	645 x 920 x 1055	121	07299	07482
RKT-CQ 0850 AB*	14,17/500	1,38	0,14	G2	645 x 920 x 1055	155	07386	07484
DC 1000 AX**	16,67/589	2,40	0,27	G2½	805 x 904 x 1230	177	–	01678
DC 1175 AX**	19,58/691	2,56	0,29	G2½	805 x 904 x 1230	180	–	01679
DC 1350 AX**	22,50/794	2,80	0,21	G2½	805 x 904 x 1230	185	–	01680
DC 1500 AX**	25,00/883	2,95	0,25	G2½	805 x 904 x 1230	190	–	01681
DC 1650 AX**	27,50/971	3,10	0,26	G2½	805 x 904 x 1230	196	–	01682
Options for RKT-CQ and DC							Art.-No.	
Bypass RKT-CQ 0020 AB							02888	
Bypass RKT-CQ 0035 - 0105 AB							02889	
Bypass RKT-CQ 0125 - 0150 AB							02890	
Bypass RKT-CQ 0180 - 0300 AB							02891	
Bypass RKT-CQ 0360 - 0450 AB							02892	
Bypass RKT-CQ 0550 - 0750 AB							02893	
Bypass RKT-CQ 0850 AB							02894	
Bypass DC 1000 – 1650							13650	

Electric supply: 230V, 50-60 Hz, 1 phase/ *230V, 50 Hz, 1 phase/ **400V, 50, 3 phases; according to DIN ISO 7183: at 1 bar absolute and 20°C, dew point 5°C at inlet temperature of 35°C, 25°C ambient temperature and 7 bar. In refrigeration dryers with level controlled condensate drain, a potentialfree contact for dryer failures is integrated.

Supplied by your RENNER distributor:

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