CRCX Direct Expansion

Enclosure configuration

CRCX - E with condensing unit

Model			0021	0051	0071	0121	0151	0251
Power Supply		V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	400/3+N/50	400/3+N/50
PERFORMANCE								
Total cooling capacity gross	(1)	kW	10,7	11,8	18,7	33,0	44,1	68,4
Sensible cooling capacity gross	(1)	kW	10,7	11,8	18,7	33,0	44,1	68,4
Total power input (Comp.+fans)	(1)	kW	3,04	3,11	5,56	9,47	12,2	19,4
SHR	(2)		1,00	1,00	1,00	1,00	1,00	1,00
FANS								
Fans type			EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN
Quantity		N°	2	2	4	5	2	3
Air flow	(3)	m^3/h	1500	1500	2700	4200	7000	12000
NOISE LEVEL								
Sound Power		dB(A)	79	79	80	86	78	82
Sound Pressure	(4)	dB(A)	59	59	60	66	58	62
SIZE AND WEIGHT								
A	(3)	mm	300	300	300	300	600	600
B	(3)	mm	1200	1200	1200	1200	1200	1200
H	(3)	mm	2085	2085	2085	2085	2085	2085
Weight	(3)	kg	185	185	200	203	245	257
COUPLING UNIT EXTERNAL								
Power supply		V/ph/Hz	230/1/50	230/1/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50
REFRIGERANT CIRCUIT								
Compressors nr.		N°	1	1	1	1	1	1
Compressors power absorption		kW	2,75	2,68	4,65	7,40	9,80	14,9
Refrigerant charge		kg	3,00	3,00	6,00	11,0		
FANS								
Quantity		N°	1	2	1	2	4	6
Air flow for fan		m^3/h	3200	6400	8640	15768	13832	20920
Fans power input		kW	0,13	0,13	0,60	0,60	0,30	0,30
SIZE AND WEIGHT								
Dimension A		mm	900	900	1450	1450	1825	2395
Dimension B		mm	420	420	550	550	1195	1195
Dimension H		mm	1240	1240	1200	1700	1865	1865
Weight		kg	108	108	182	247	440	500

Notes:
1 Indoor conditions (in) 46°C - R.H. 16%; Outdoor air temperature 35°C; ESP= 0Pa.
2 SHR = Sensible cooling capacity gross / Total cooling capacity gross.
3 Unit in standard configuration/execution, without optional accessories.
4 Average sound pressure level, at a distance of 2m, for units in a free field on a reflecting surface.
The average sound pressure level is calculated based on the sound power level measured in accordance with ISO 3744.
The units highlighted in this publication contain HFC R410A [GWP_{100} 2088] fluorinated greenhouse gases.