



KRNA Water chillers

40-300 kW

NEW RANGE

DESCRIPTION

KRNA industrial water chillers have been developed to generate cool in the factories. They have been created with modern materials, in order to obtain the best energetic efficiency. They are standard equipped with water tank and pumps, and can be installed indoor and outdoor.

They can be used in lot of applications, because of the wide range of alternatives available (industry, mechanics, cosmetics, plasturgie, chemistry, etc...).



KRNA 2400



KRNA 600



STANDARD COMPONENTS

- Scroll compressors with low consumption of energy
- Compressor heater
- Water tank with atmospheric pression
- Flow controller
- Centrifugal pump
- Regulation via microprocessor
- Plate exchanger with high resistance to freeze
- High pressure pressostat
- Axial fans with low sound level
- Galvanised protected casing with polyuretanan paint
- Textured RAL 9002B paint
- Stainless steel connections



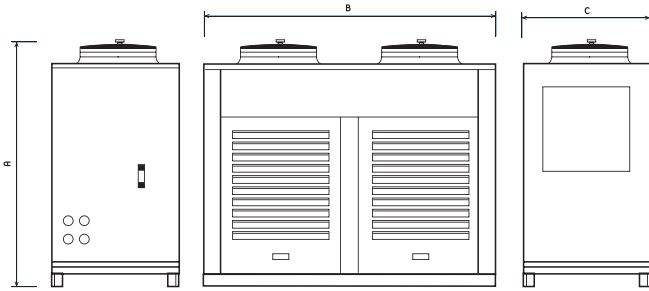
KRNA 500

OPTIONS AND ALTERNATIVES

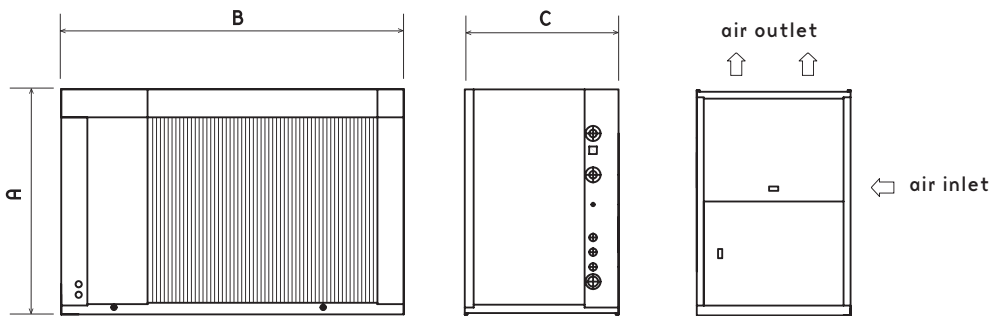
- **KRNA...D**
Direct expansion (without tank and without pump)
- **KRNA...DP**
Direct expansion and pump (without tank)

- High pressure pumps
- Flow controller
- Low temperatures (-30°C)

DIMENSIONS



KRNA 400-500



KRNA 600-3000

CHARACTERISTICS

		KRNA 400	KRNA# 500	KRNA 600	KRNA 700	KRNA 800	KRNA 900	KRNA 1100	KRNA 1550	KRNA 1850	KRNA 2400	KRNA 2700	KRNA 3000
Power supply	V-Hz	400-3-50											
Nominal cooling capacity*	kW	40	52	60	70	80	90	110	155	185	240	270	300
	kcal/h	34400	44720	51600	60200	68300	77400	94600	133300	159100	206400	232200	258000
Total input power	kW	16,1	20	20,5	24	27	31	28,5	55,8	66	89	98,5	107,5
Running current	A	29	36	40	44	50	57,5	66,5	99,7	112,3	150	165	180
Starting current	A	113	125	155	161	166	209	215	250	257	342	382	422
Water flow	l/mn	30-160	30-160	230	230	230	400	400	400	400	850	850	850
Pressure range	bar	2,9-1,9	2,9-1,9	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Water tank volume	l	200	200	300	300	300	500	500	500	500	700	700	700
Air flow	m ³ /h	14 000	14 000	13 720	20 450	20 450	27 300	35 500	35 500	54 700	80 000	80 000	80 000
Sound pressure level **dB(A)		72	72	48	48	48	49	55	56	56	60	60	60
Connection	G	1"1/2	1"1/2	2"1/2	2"1/2	2"1/2	2"1/2	2"1/2	2"1/2	2"1/2	2"1/2	3"	3"
Weight empty	kg	450	450	790	850	835	920	1 115	1 305	1 485	2 650	2 750	2 750
	A mm	1 780	1 780	1 606	1 606	1 606	1 606	1 875	1 875	1 875	2 450	2 450	2 450
	B mm	1 000	1 000	1 100	1 100	1 100	1 100	1 100	1 100	1 100	2 200	2 200	2 200
Dimensions	C mm	2 000	2 000	2 450	2 450	2 450	2 450	2 450	2 450	3 950	3 400	3 400	3 400

* With 10°C outlet water, 32°C ambient

**Measured at 1 meter distance, 1,6 m from floor in free area