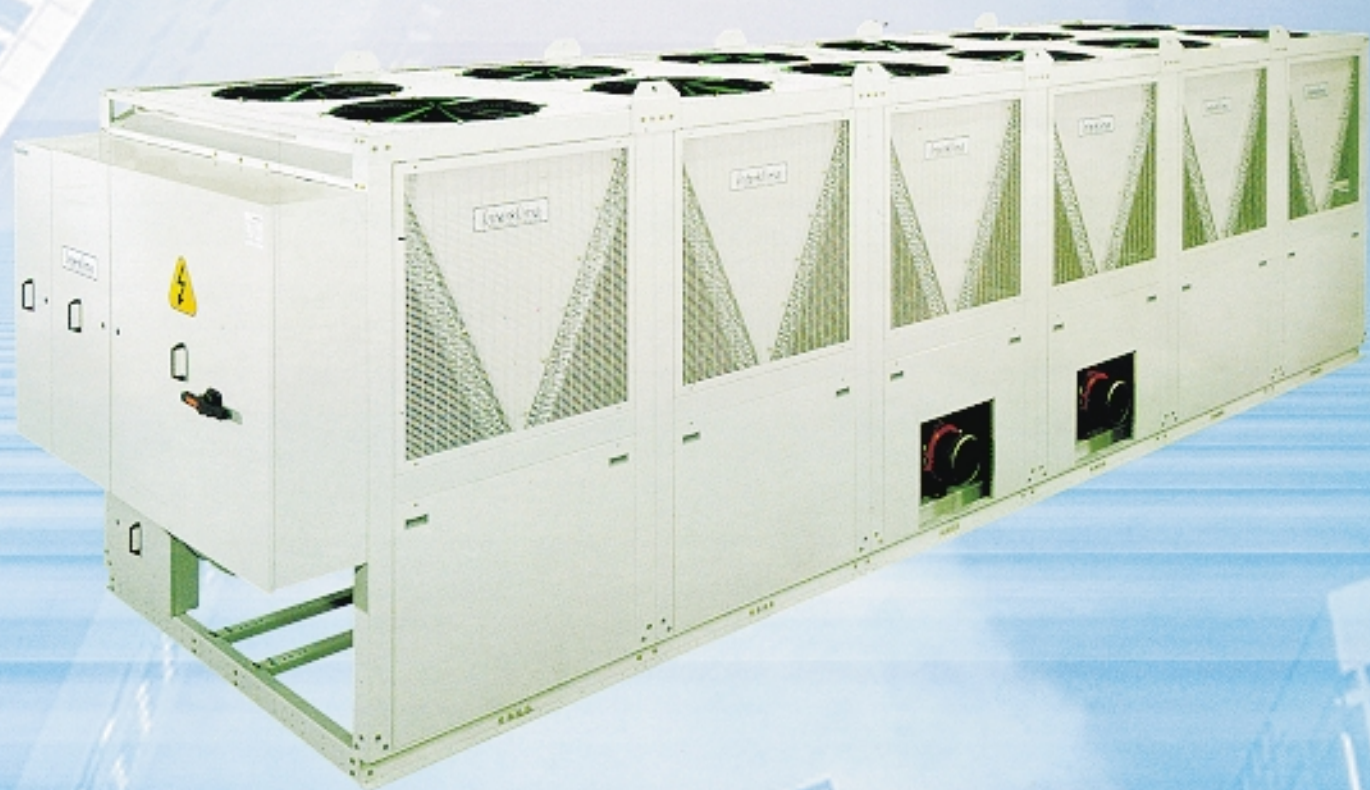


Interklima®

**AIR COOLED
WATER
CHILLERS**

*Technology
& design*



ISO 9001



Series LPCA 211kW-704kW

TECHNICAL DATA TABLE

TYPE		LPCA-211		LPCA-264		LPCA-317	
		R407c	R22	R407c	R22	R407c	R22
Nominal cooling capacity	kw	203	211	253	264	304	317
	RT	58	60	72	75	87	90
	BTU/H	692600	719318	867000	900000	1037000	1080682
Construction	Material	Galvanized steel					
	Colour	Light grey-beige (RAL 9002)					
Compressor		Accessible hermetic					
Quantity		2		2		2	
Capacity steps		4		4		4	
Absorbed power (cooling/heating)	kw	67,3		78,3		93,8	
Nominal operating current	A	111		148,8		177,8	
Maximum operating current	A	141		184		224	
Air heat exchanger		High capacity cross finned coil with finned tubes and louvered fins					
Water heat exchanger		Shell and tube					
Quantity		1					
Water content	L	40,8		56,6		67,2	
Maximum operating pressure bar	Water side	10					
	Refrigerant side	24,5					
Water connectios		DN100		DN100		DN125	
Nominal water flow	L/h	36292		45408		54524	
Nominal water pressure drop	kpa	31,7		31,2		35,3	
Minimum system water content	L	950		1200		1400	
Fan							
Quantity		4		4		4	
Speed	rpm	850					
Air flow	m ³ /h	68000		68000		68000	
Absorbed power (cooling/heating)	kw	6		6		6	
Nominal operating current	A	12		12		12	
Maximum operating current	A	13,6		13,6		13,6	
Electrical characteristics		Electric network 380-415 V/3 Ph/50 Hz					
Total absorbed power (cooling/Heating)	kw	73,3		84,3		99,8	
Total nominal operating current	A	123		160,8		189,8	
Total maximum operating current	A	154,6		197,6		237,6	
Crankcase heaters power	w	200		200		200	
Power cables cross section	mm ²	70		95		120	
Fuses		3X200		3X250		3X250	
Voltage limits	V	350-450 V					
Refrigerant circuit							
Number of circuits		2		2		2	
Expansion device		Thermal expansion valves					
Refrigerant type		R22 or R407c					
Noise level at 3 m		80		80		80	
Dimensions	Width mm	2200		2200		2200	
	Length mm	2600		2600		2600	
	Heigth mm	2200		2200		2200	
Shipping weigth	kg	1650		1920		2065	

Standard conditions for given capacities: Ambient temperature 35°C. Water temperatures 7°C/12°C

TECHNICAL DATA TABLE

TYPE		LPCA-352		LPCA-405		LPCA-475	
		R407c	R22	R407c	R22	R407c	R22
Nominal cooling capacity	kw	338	352	389	405	456	475
	RT	96	100	111	115	130	135
	BTU/H	1153000	1200000	1327000	1380682	1556000	1619318
Construction	Material	Galvanized steel					
	Colour	Light grey-beige (RAL 9002)					
Compressor		Accessible hermetic					
Quantity		2		3		3	
Capacity steps		4		6		6	
Absorbed power (cooling/heating)	kw	111,2		117,4		140,8	
Nominal operating current	A	211,6		223,3		266,8	
Maximum operating current	A	260		276		336	
Air heat exchanger		High capacity cross finned coil with finned tubes and louvered fins					
Water heat exchanger		Shell and tube					
Quantity		1					
Water content	L	78,9		77,3		91,4	
Maximum operating pressure bar	Water side	10					
	Refrigerant side	24,5					
Water connectios		DN125		DN150		DN150	
Nominal water flow	L/h	60544		69660		81700	
Nominal water pressure drop	kpa	34,9		54,5		56,4	
Minimum system water content	L	1600		1800		2200	
Fan							
Quantity		4		6		6	
Speed	rpm	850					
Air flow	m ³ /h	68000		102000		102000	
Absorbed power (cooling/heating)	kw	6		9		9	
Nominal operating current	A	12		18		18	
Maximum operating current	A	13,6		20,4		20,4	
Electrical characteristics		Electric network 380-415 V/3 Ph/50 Hz					
Total absorbed power (cooling/Heating)	kw	117,2		126,4		149,8	
Total nominal operating current	A	223,6		241,3		284,8	
Total maximum operating current	A	273,6		296,4		356,4	
Crankcase heaters power	w	400		300		300	
Power cables cross section	mm ²	150		185		240	
Fuses		3X300		3X300		3X400	
Voltage limits	V	350-450 V					
Refrigerant circuit							
Number of circuits		2		3		3	
Expansion device		Thermal expansion valves					
Refrigerant type		R22 or R407c					
Noise level at 3 m		80		82		82	
Dimensions	Width mm	2200		2200		2200	
	Length mm	2600		3900		3900	
	Heigth mm	2200		2200		2200	
Shipping weigth	kg	2120		2885		3090	

Standard conditions for given capacities: Ambient temperature 35°C. Water temperatures 7°C/12°C

TECHNICAL DATA TABLE

TYPE		LPCA-528		LPCA-600		LPCA-704	
		R407c	R22	R407c	R22	R407c	R22
Nominal cooling capacity	kw	507	528	576	600	676	704
	RT	144	150	164	170	192	200
	BTU/H	1730000	1800000	1965300	2045455	2306500	2400000
Construction	Material	Galvanized steel					
	Colour	Light grey-beige (RAL 9002)					
Compressor		Accessible hermetic					
Quantity		3		4		4	
Capacity steps		6		8		8	
Absorbed power (cooling/heating)		kw		166,8		187,7	
Nominal operating current		A		317,4		355,7	
Maximum operating current		A		390		448	
Air heat exchanger		High capacity cross finned coil with finned tubes and louvered fins					
Water heat exchanger		Shell and tube					
Quantity		1					
Water content		L		106,7		131,8	
Maximum operating pressure bar	Water side	10					
	Refrigerant side	24,5					
Water connectios		DN150		DN200		DN200	
Nominal water flow		L/h		90816		103200	
Nominal water pressure drop		kpa		58,9		65,5	
Minimum system water content		L		2400		2700	
Fan							
Quantity		6		8		8	
Speed		rpm		850			
Air flow		m ³ /h		102000		136000	
Absorbed power (cooling/heating)		kw		9		12	
Nominal operating current		A		18		25	
Maximum operating current		A		20,4		27,2	
Electrical characteristics		Electric network 380-415 V/3 Ph/50 Hz					
Total absorbed power (cooling/Heating)		kw		175,8		199,7	
Total nominal operating current		A		335,4		380,7	
Total maximum operating current		A		410,4		475,2	
Crankcase heaters power		w		600		400	
Power cables cross section		mm ²		300		2X120	
Fuses		3X450		3X500		3X630	
Voltage limits		V		350-450 V			
Refrigerant circuit							
Number of circuits		3		4		4	
Expansion device		Thermal expansion valves					
Refrigerant type		R22 or R407c					
Noise level at 3 m		dB A		82		84	
Dimensions	Width mm	2200		2200		2200	
	Length mm	3900		5200		5200	
	Heigth mm	2200		2200		2200	
Shipping weigth		kg		3165		4130	

Standard conditions for given capacities: Ambient temperature 35°C. Water temperatures 7°C/12°C



All specification and data subject to change without notice.

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Interklima S.A.
MANUFACTURERS OF AIR CONDITIONING EQUIPMENT

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