

TECHNICAL SPECIFICATION

<i>Adsorption chiller NAK-C 080</i>		ECONOMY		STANDARD			
HOT WATER CIRCLE	inlet temperature	88,0	88,0	88,0	88,0	°C	
	outlet temperature	80,8	82,6	82,7	83,8	°C	
	differential temperature	7,2	5,4	5,3	4,2	K	
	volume flow	105,0	105,0	105,0	105,0	m ³ /h	
	pressure drop	29,0	29,0	29,0	29,0	kPa	
HOT WATER HEATING CAPACITY (Q_{IN})		879	659	647	513	kW	
C.O.P. (HEATING EFFICIENCY Q₀ : Q_{IN})		0,54	0,44	0,61	0,55		
CHILLING CAPACITY (Q₀)		478	293	398	281	kW	
CHILLED WATER CIRCLE	inlet temperature	14,0	6,0	14,0	6,0	°C	
	outlet temperature	9,0	3,0	9,0	3,0	°C	
	differential temperature	5,0	3,0	5,0	3,0	K	
	volume flow	82,2	84,0	68,4	80,4	m ³ /h	
	pressure drop	76,0	78,0	59,0	69,0	kPa	
REQUIRED CHILLING CAPACITY		1357	952	1045	793	kW	
CHOOILING WATER CIRCLE	inlet temperature	31,0	31,0	31,0	31,0	°C	
	outlet temperature	37,1	35,2	35,7	34,6	°C	
	differential temperature	6,1	4,2	4,7	3,6	K	
	volume flow	192,0	192,0	192,0	192,0	m ³ /h	
	pressure drop	98,0	98,0	98,0	98,0	kPa	
SUPPLY CONNECTION DATA	compressed air connection	490	490	490	490	kPa	
	compressed air consumption	2016	2016	1296	1296	l/h	
	electrical connection (220 V/ 50	0,4	0,4	0,4	0,4	kVA	
	refrigerant pump	0,2	0,2	0,2	0,2	kVA	
MESSURMENTS AND WEIGHS	length					3880	mm
	width					2255	mm
	height					3150	mm
	running weight					13,7	t
	transportation weight					12,1	t