

Reversible chiller with heat pump function series DAN+

Chiller DAN+ heating/cooling

DAN+			DAN-12/1+	DAN-24/1+	DAN-12+	DAN-12+	DAN-40+	DAN-60+	DAN-75+	DAN-80+	
Standard	Thermal power	KW	10,4	20,8	11,4	20,3	40,6	60,9	74,4	81,2	
		BTU	35484	70969	38897	69263,6	138527	207790,8	253853	277054	
	Productivity of hot water	T/h	0,22	0,45	0,25	0,44	0,87	1,31	1,6	1,75	
	Input power	KW	2,56	5,12	2,77	4,8	9,6	14,4	16,3	19,2	
Low temperature	Thermal power	KW	8,65	17,3	9,59	16,6	33,2	49,8	62,7	66,4	
		BTU	29514	59028	32721	56639,2	113278	169917,6	213932	226557	
	Productivity of hot water	T/h	0,17	0,33	0,18	0,32	0,63	0,95	1,2	1,27	
	Input power	KW	2,6	5,2	2,8	4,69	9,38	14,07	16,3	18,76	
Cooling	Cooling power	KW	6,58	13,16	7,19	13,49	26,98	40,47	47,76	53,96	
		BTU	5659	11318	6183	11601	23203	34804	41074	46406	
	Input power	KW	2,43	4,86	2,64	4,66	9,32	14,28	16,58	18,54	
Nominal current		A	12,2	24,4	4,85	8,4	16,8	25,5	29	34	
Maximum current		A	17,1	34,2	7,5	12	24	36	42	48	
Power supply		V/Ph/Hz	220V/1N/50HZ							380V/3N/50HZ	
Noise level		dB (A)	<55	<58	<55	<58	<62	<64	<66	<66	
Sizes WxDxH		mm	670*640*820	1390*670*820	670*640*820	810*780*1050	1450*780*1050	1700*900*1250	1700*900*1250	1700*900*1250	
Package sizes WxDxH		mm	883*363*1000	1300*420*1245	883*363*1000	1120*425*1260					
Weight		kg	115	175	115	145	270	470	620	620	
Precision of water temperature control		°C	±2								
Operating temperature range			-25 ~ +43								
Type of throttle			Thermostatic expansion valve								
Refrigerant	Type		R407C								
	Weight	kg	2,6	2,6*2	2,6	3,5	3,5*2	3,5*3	7,2*2	3,5*4	
	Max. operating pressure	bar	28	28	28	28	28	28	28	28	
Compressor	Type		Hermetic compressor								
	Amount	pcs	1	2	1	1	2	3	2	4	
From the side of air	Type of heat exchanger		Reverse tubular heat exchanger								
	Amount	pcs	1	2	1	1	2	2	2	2	
	Engine power	KW	0,2	0,4	0,2	0,4	0,4*2	0,75*2	0,75*2	0,75*2	
From the side of hot water	Type of heat exchanger		Tube in tubular heat exchanger								
	Water flow	m /H	1,79	3,58	1,98	3,49	6,98	10,47	12,79	13,96	
	Loss of water pressure	kP a	27	30	27	30	36	42	48	48	
	Size of branch pipes	DN	20	25	20	25	32	40	50	50	
	Max. operating pressure	kPa	1000	1000	1000	1000	1000	1000	1000	1000	
Price		EUR	4430	7693	4258	5507	10274	15835	19360	20214	
Model			DAN-12/1+	DAN-24/1+	DAN-12+	DAN-20+	DAN-40+	DAN-60+	DAN-75+	DAN-80+	