

Bluebox/Western ALFA PF 161

Specifications

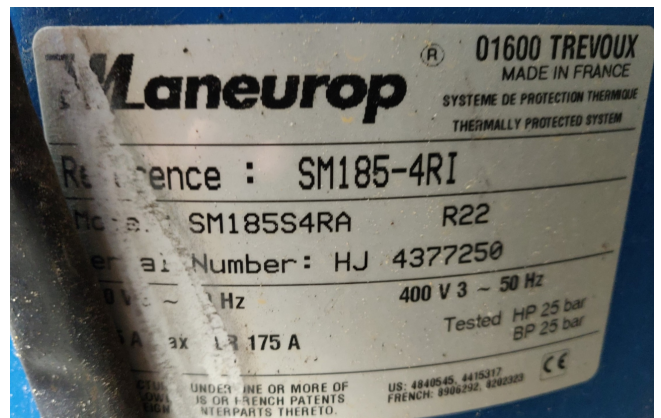
Brand	Bluebox/Western
Type	ALFA PF 161
Product type	Air Cooled Chiller
Capacity kW	38,2
Capacity Tons	10.9
Refrigerant	Freon
Refrigerant Type	R22
Weight in kg.	357
Compressor(s) type & model	1x Compressor Maneurop SM 185-4RI
Stock	1



Description

Used Bluebox/Western ALFA PF 161

Used chiller build by Western/Bleubox type ALFA PF 161 with a Hydraulic circuit with water pump and 1x Compressor Maneurop SM 185-4RI.



Unit size		91	101	141	161	181	201
Cooling(*)							
Nominal capacity	kW	20,1	26,3	32,9	38,2	43,0	49,8
Heating (**)							
Nominal capacity	kW	21,9	29,8	36,5	42,9	44,1	52,6
Compressor							
Quantity	n°	1	1	1	1	1	1
Type	/	scroll	scroll	scroll	scroll	reciprocating	reciprocating
Cooling power input	kW	6,5	8,9	10,8	12,7	14,6	17,8
Heating power input	kW	6,8	9,3	11,3	13,4	13,3	16,3
Fans							
Air flow	m³/s	2,12	2,12	5,0	5,0	3,5	3,5
N° X installed capacity	m³ x kW	1 x 0,53	1 x 0,53	2 x 0,53	2 x 0,53	2 x 0,53	2 x 0,53
Refrigerant charge							
For water chiller version	kg	4,5	5,5	7,2	9,0	10,0	12,0
For heat pump version	kg	6,0	7,0	8,8	10,6	14,0	16,0
Oil charge							
	kg	2,5	2,5	4,0	4,0	6,6	6,6
Heat exchanger water volume							
	dm³	1,60	2,35	2,91	3,57	3,57	4,00
ST version							
Pump nominal power	kW	0,62	0,62	0,82	0,82	0,90	0,90
Water flow rate	l/s	0,960	1,256	1,572	1,825	2,054	2,379
Pump available pressure	kPa	116	93	124	110	153	121
Storage tank capacity	l	100	100	200	200	200	200
Expansion vessel	l	2	2	5	5	5	5
Shipping weight (#)							
	kg	189	243	337	357	391	400
Shipping weight vers. ST (#)							
	kg	240	292	401	423	460	479

(*) Ambient air temperature 32 °C; evaporator inlet/outlet water temperature 12-7 °C.

(**) Ambient air temperature 8 °C DB, 6 °C WB; condenser inlet/outlet water temperature 40-45 °C.

(#) For heat pump units increase weight by 10%.

BLUE BOX

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