

European Heat Pump Parameter Table									
Model name			ACHM-H22/5R2A	ACHM-H26/5R2A	ACHM-H30/5R2A	ACHM-H35/5R2A	ACHM-H40/5R2A	ACHM-H45/5R2A	ACHM-H50/5R2A
Heating (A7/W35)	Capacity	kW	22	26	30	35	40	45.2	49.2
	Rated input	kW	4.4	5.45	6.67	8.14	9.64	10.47	11.83
	COP	W/W	5	4.77	4.50	4.3	4.15	4.30	4.19
Cooling (A35/W18)	Capacity	kW	22	26	30.0	35.0	39.0	45.1	49.1
	Rated input	kW	4.59	5.60	6.80	8.50	9.85	11.00	12.43
	EER	W/W	4.8	4.64	4.41	4.12	3.96	4.10	3.95
SCOP	Water outlet at 35	Prated	22	26	30	35	39	45	49
		s	195%	190%	184%	177%	175%	175%	165%
		class	A+++	A+++	A+++	A+++	A+++	A+++	A++
	Water outlet at 55	Prated	22	26	30	33	34	45	49
		s	152%	151%	150%	150%	150%	135%	130%
		class	A+++	A+++	A+++	A+++	A+++	A++	A++
Erp Sound power level		dB	56	57	58	59	60	/	/
Power supply		V/Ph/Hz	380~415/3/50	380~415/3/50	380~415/3/50	380~415/3/50	380~415/3/50	380~415/3/50	380~415/3/50
Compressor	Type	/	Scroll Type	Scroll Type	Scroll Type	Scroll Type	Scroll Type	Scroll Type	Scroll Type
	Displacement	cm3/rev	110	110	110	110	110	150	150
Outdoor fan	Motor type	/	DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor	DC brushless motor
	Number of fans	/	2	2	2	2	2	2	2
	Air flow	m3/h	9000	10500	12000	13500	15000	16500	18000
Air side heat exchanger	Type	/	Finned tube	Finned tube	Finned tube	Finned tube	Finned tube	Finned tube	Finned tube
Water side heat exchanger	Type	/	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger	Plate heat exchanger
Connection of water side	Dimension	mm	DN40	DN40	DN40	DN40	DN40	DN40	DN40
	Method	/	Threaded connection	Threaded connection	Threaded connection	Threaded connection	Threaded connection	Threaded connection	Threaded connection
Water pump	Type	/	Canned-motor pump	Canned-motor pump	Canned-motor pump	Canned-motor pump	Canned-motor pump	Canned-motor pump	Canned-motor pump
	Max. pump head	m	17	17	17	17	17	23	23
Safety valve		Mpa	0.3						
Refrigerant	Type	/	R290						
	Charged volume	kg	2.9	2.9	2.9	2.9	2.9	3.8	3.8
Throttle type		/	EEV	EEV	EEV	EEV	EEV	EEV	EEV

