



HYDROLUTION – PRODUCT DATA SHEET

Type	8 kW	11 kW	16 kW
Indoor Unit	HMA 100V1	HMA 100V1	HMS 140VA1
Storage Tank	Integrated in the internal hydronic module	Integrated in the internal hydronic module	HT30 (only for heating) - MT300 & MT500 (heating and domestic water)
Outdoor Unit	FDCW 71VNX-A	FDCW 100VNX-A	FDCW 140VNX-A
External power supply unit	1-230V 50Hz		
Nominal Power on heating (kW) A7/W35	8,3 (2,0 ~ 8,3)	9,2 (3,5 ~ 10,0)	16,0 (4,2 ~ 16,0)
Nominal Power on heating (kW) A-7/W35	7,3	8,0	12,3
Nominal Power on heating (kW) A7/W45	8,0 (3,0 ~ 8,0)	9,0 (3,5 ~ 11,0)	16,0 (5,8 ~ 16,0)
Power Consumption on heating (kW) A7/W35	2,03	2,15	3,81
Power Consumption on heating (kW) A-7/W35	2,81	2,84	4,71
Power Consumption on heating (kW) A7/W45	2,40	2,62	4,83
COP (W/W) A7/W35	4,08	4,28	4,20
COP (W/W) A-7/W35	2,60	2,82	2,61
COP (W/W) A7/W45	3,33	3,44	3,31
SCOP (W/W) W35	3,78	4,18	4,20
Average climate	151%	167%	168%
Energy efficiency class on heating	A++	A++	A++
SCOP (W/W) W55	3,03	3,20	3,38
Average climate	121%	128%	135%
Energy efficiency class on heating	A+	A++	A++
Energy efficiency class ACS	A	A	A
Nominal Power on cooling (kW) A35/W18	10,7 (2,7 ~ 10,7)	11,0 (3,3 ~ 12,0)	16,5 (5,2 ~ 16,5)
Nominal Power on cooling (kW) A35/W7	7,1 (2,0 ~ 7,1)	8,0 (3,0 ~ 9,0)	11,8 (3,1 ~ 11,8)
Power Consumption on cooling (kW) A35/W18	3,19	3,04	4,36
Operating Limit (environment temp.) on heating	-20 ~ +43°C		
Operating Limit (environment temp.) on cooling	15 ~ +43°C		
Operating Limit (water temp.) on heating	25 ~ +58°C		
Operating Limit (water temp.) on cooling	7 ~ +25°C		
Domestic hot water producibility (12 liter/min)	270	270	see separate tanks
Domestic hot water producibility (16 liter/min)	200	200	see separate tanks
Max. tubes distance (m)	30		