

Information to identify the model(s) to which the information relates to:				If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'.			
Indoor unit model name		FDE100VH		Average(mandatory)		Yes	
Outdoor unit model name		FDC100VNA-W		Warmer(if designated)		No	
Function(indicate if present)				Colder(if designated)			
cooling		Yes					
heating		Yes					
Item				Item			
		symbol value unit				symbol value class	
Design load				Seasonal efficiency and energy efficiency class			
cooling		Pdesignc 10.0 kW		cooling		SEER 6.67 A++	
heating / Average		Pdesignh 8.5 kW		heating / Average		SCOP/A 4.31 A+	
heating / Warmer		Pdesignh - kW		heating / Warmer		SCOP/W - -	
heating / Colder		Pdesignh - kW		heating / Colder		SCOP/C - -	
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdc 8.5 kW		heating / Average (-10°C)		elbu 0 kW	
heating / Warmer (2°C)		Pdc - kW		heating / Warmer (2°C)		elbu - kW	
heating / Colder (-22°C)		Pdc - kW		heating / Colder (-22°C)		elbu - kW	
Declared capacity for cooling, at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°C		Pdc 10.00 kW		Tj=35°C		EERd 3.51 -	
Tj=30°C		Pdc 7.37 kW		Tj=30°C		EERd 5.29 -	
Tj=25°C		Pdc 4.74 kW		Tj=25°C		EERd 8.79 -	
Tj=20°C		Pdc 3.10 kW		Tj=20°C		EERd 10.60 -	
Declared capacity for heating / Average season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Average season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh 7.40 kW		Tj=-7°C		COPd 3.10 -	
Tj=2°C		Pdh 4.50 kW		Tj=2°C		COPd 4.16 -	
Tj=7°C		Pdh 2.90 kW		Tj=7°C		COPd 5.35 -	
Tj=12°C		Pdh 2.90 kW		Tj=12°C		COPd 6.70 -	
Tj=bivalent temperature		Pdh 8.50 kW		Tj=bivalent temperature		COPd 2.80 -	
Tj=operating limit		Pdh 6.30 kW		Tj=operating limit		COPd 2.20 -	
Declared capacity for heating / Warmer season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Warmer season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Declared capacity for heating / Colder season, at indoor temperature 20°C and outdoor temperature Tj				Declared coefficient of performance / Colder season, at indoor temperature 20°C and outdoor temperature Tj			
Tj=-7°C		Pdh - kW		Tj=-7°C		COPd - -	
Tj=2°C		Pdh - kW		Tj=2°C		COPd - -	
Tj=7°C		Pdh - kW		Tj=7°C		COPd - -	
Tj=12°C		Pdh - kW		Tj=12°C		COPd - -	
Tj=bivalent temperature		Pdh - kW		Tj=bivalent temperature		COPd - -	
Tj=operating limit		Pdh - kW		Tj=operating limit		COPd - -	
Tj=-15°C		Pdh - kW		Tj=-15°C		COPd - -	
Bivalent temperature				Operating limit temperature			
heating / Average		Tbiv -10 °C		heating / Average		Tol -20 °C	
heating / Warmer		Tbiv - °C		heating / Warmer		Tol - °C	
heating / Colder		Tbiv - °C		heating / Colder		Tol - °C	
Cycling interval capacity				Cycling interval efficiency			
for cooling		Pccyc - kW		for cooling		EERcyc - -	
for heating		Pchyc - kW		for heating		COPcyc - -	
Degradation coefficient				Degradation coefficient			
cooling		Cdc 0.25 -		heating		Cdh 0.25 -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff 8 W		cooling		Qce 525 kWh/a	
standby mode		Psb 8 W		heating / Average		Qhe 2764 kWh/a	
thermostat-off mode		Pto(cooling) 26 W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pto(heating) 43 W		heating / colder		Qhe - kWh/a	
		Pck 5 W					
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)		Lwa 64 dB(A)	
staged		No		Sound power level(outdoor)		Lwa 69 dB(A)	
variable		Yes		Global warming potential		GWP 675 kgCO2eq.	
				Rated air flow(indoor)		- 1920 m3/h	
				Rated air flow(outdoor)		- 4500 m3/h	
Contact details for obtaining more information		Name and address of the manufacturer or of its authorised representative.					
		MHIAE SERVICES B.V. Herikerbergweg 238, Luna ArenA, 1101 CM Amsterdam, Netherlands P.O.Box 23393 1100 DW Amsterdam, Netherlands					