

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		FDTC35VH1		Average(mandatory)		Yes	
Outdoor unit model name		SRC35ZS-W2		Warmer(if designated)		Yes	
Function(indicate if present)				Colder(if designated)			
cooling		Yes				No	
heating		Yes					
Item	symbol	value	unit	Item	symbol	value	class
Design load				Seasonal efficiency and energy efficiency class			
cooling	Pdesignc	3.50	kW	cooling	SEER	7.10	A++
heating / Average	Pdesignh	2.90	kW	heating / Average	SCOP/A	4.60	A++
heating / Warmer	Pdesignh	3.70	kW	heating / Warmer	SCOP/W	5.50	A+++
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	2.90	kW	heating / Average (-10°C)	elbu	0	kW
heating / Warmer (2°C)	Pdc	3.70	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	3.50	kW	Tj=35°C	EERd	3.85	-
Tj=30°C	Pdc	2.60	kW	Tj=30°C	EERd	5.65	-
Tj=25°C	Pdc	1.70	kW	Tj=25°C	EERd	9.10	-
Tj=20°C	Pdc	1.10	kW	Tj=20°C	EERd	14.20	-
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	2.50	kW	Tj=-7°C	COPd	2.71	-
Tj=2°C	Pdh	1.50	kW	Tj=2°C	COPd	4.78	-
Tj=7°C	Pdh	1.00	kW	Tj=7°C	COPd	5.85	-
Tj=12°C	Pdh	1.20	kW	Tj=12°C	COPd	6.97	-
Tj=bivalent temperature	Pdh	2.90	kW	Tj=bivalent temperature	COPd	2.51	-
Tj=operating limit	Pdh	2.90	kW	Tj=operating limit	COPd	2.51	-
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	3.70	kW	Tj=2°C	COPd	2.82	-
Tj=7°C	Pdh	2.40	kW	Tj=7°C	COPd	5.05	-
Tj=12°C	Pdh	1.20	kW	Tj=12°C	COPd	6.97	-
Tj=bivalent temperature	Pdh	3.70	kW	Tj=bivalent temperature	COPd	2.82	-
Tj=operating limit	Pdh	3.70	kW	Tj=operating limit	COPd	2.82	-
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	-10	°C
heating / Warmer	Tbiv	2	°C	heating / Warmer	Tol	2	°C
heating / Colder	Tbiv	-	°C	heating / Colder	Tol	-	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	-	kW	for cooling	EERcyc	-	-
for heating	Pcyhc	-	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	7	W	cooling	Qce	173	kWh/a
standby mode	Psb	7	W	heating / Average	Qhe	883	kWh/a
thermostat-off mode	Pto(cooling)	14	W	heating / Warmer	Qhe	942	kWh/a
crankcase heater mode	Pck	0	W	heating / colder	Qhe	-	kWh/a
Capacity control(indicate one of three options)				Other items			
fixed		No		Sound power level(indoor)	Lwa	52	dB(A)
staged		No		Sound power level(outdoor)	Lwa	62	dB(A)
variable		Yes		Global warming potential	GWP	675	kgCO2eq.
				Rated air flow(indoor)	-	540	m3/h
				Rated air flow(outdoor)	-	1890	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						