Information to identify the model(s) to which the information relates to:	
Indoor unit model name	**FDE100VH**
Outdoor unit model name	**FDC100VSA-W**

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'.

Function(indicate if present)	
cooling	**Yes**
heating	**Yes**

Average(mandatory)	**Yes**
Warmer(if designated)	**No**
Colder(if designated)	**No**

Item	symbol	value	unit
Design load			
cooling	Pdesignc	**10.0**	kW
heating / Average	Pdesignh	**8.5**	kW
heating / Warmer	Pdesignh	**-**	kW
heating / Colder	Pdesignh	**-**	kW

Item	symbol	value	class
Seasonal efficiency and energy efficiency class			
cooling	SEER	**6.67**	A++
heating / Average	SCOP/A	**4.31**	A+
heating / Warmer	SCOP/W	**-**	-
heating / Colder	SCOP/C	**-**	-

Declared capacity at outdoor temperature Tdesignh			
heating / Average (−10℃)	Pdc	**8.5**	kW
heating / Warmer (2℃)	Pdc	**-**	kW
heating / Colder (−22℃)	Pdc	**-**	kW

Back up heating capacity at outdoor temperature Tdesignh			unit
heating / Average (−10℃)	elbu	**0**	kW
heating / Warmer (2℃)	elbu	**-**	kW
heating / Colder (−22℃)	elbu	**-**	kW

Declared capacity for cooling, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	Pdc	**10.00**	kW
Tj=30℃	Pdc	**7.37**	kW
Tj=25℃	Pdc	**4.74**	kW
Tj=20℃	Pdc	**3.10**	kW

Declared energy efficiency ratio, at indoor temperature 27(19)℃ and outdoor temperature Tj			
Tj=35℃	EERd	**3.51**	–
Tj=30℃	EERd	**5.29**	–
Tj=25℃	EERd	**8.79**	–
Tj=20℃	EERd	**10.60**	–

Declared capacity for heating / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=−7℃	Pdh	**7.40**	kW
Tj=2℃	Pdh	**4.50**	kW
Tj=7℃	Pdh	**2.90**	kW
Tj=12℃	Pdh	**2.90**	kW
Tj=bivalent temperature	Pdh	**8.50**	kW
Tj=operating limit	Pdh	**6.30**	kW

Declared coefficient of performance / Average season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=−7℃	COPd	**3.10**	–
Tj=2℃	COPd	**4.16**	–
Tj=7℃	COPd	**5.35**	–
Tj=12℃	COPd	**6.70**	–
Tj=bivalent temperature	COPd	**2.80**	–
Tj=operating limit	COPd	**2.20**	–

Declared capacity for heating / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW

Declared coefficient of performance / Warmer season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=2℃	COPd	**-**	–
Tj=7℃	COPd	**-**	–
Tj=12℃	COPd	**-**	–
Tj=bivalent temperature	COPd	**-**	–
Tj=operating limit	COPd	**-**	–

Declared capacity for heating / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=−7℃	Pdh	**-**	kW
Tj=2℃	Pdh	**-**	kW
Tj=7℃	Pdh	**-**	kW
Tj=12℃	Pdh	**-**	kW
Tj=bivalent temperature	Pdh	**-**	kW
Tj=operating limit	Pdh	**-**	kW
Tj=−15℃	Pdh	**-**	kW

Declared coefficient of performance / Colder season, at indoor temperature 20℃ and outdoor temperature Tj			
Tj=−7℃	COPd	**-**	–
Tj=2℃	COPd	**-**	–
Tj=7℃	COPd	**-**	–
Tj=12℃	COPd	**-**	–
Tj=bivalent temperature	COPd	**-**	–
Tj=operating limit	COPd	**-**	–
Tj=−15℃	COPd	**-**	–

Bivalent temperature			
heating / Average	Tbiv	**-10**	℃
heating / Warmer	Tbiv	**-**	℃
heating / Colder	Tbiv	**-**	℃

Operating limit temperature			
heating / Average	Tol	**-20**	℃
heating / Warmer	Tol	**-**	℃
heating / Colder	Tol	**-**	℃

Cycling interval capacity			
for cooling	Pcycc	**-**	kW
for heating	Pcych	**-**	kW

Cycling interval efficiency			
for cooling	EERcyc	**-**	–
for heating	COPcyc	**-**	–

Degradation coefficient			
cooling	Cdc	**0.25**	–

Degradation coefficient			
heating	Cdh	**0.25**	–

Electric power input in power modes other than 'active mode'			
off mode	Poff	**8**	W
standby mode	Psb	**8**	W
thermostat-off mode	Pto(cooling)	**26**	W
	Pto(heating)	**43**	W
crankcase heater mode	Pck	**5**	W

Annual electricity consumption			
cooling	Qce	**525**	kWh/a
heating / Average	Qhe	**2764**	kWh/a
heating / Warmer	Qhe	**-**	kWh/a
heating / colder	Qhe	**-**	kWh/a

Capacity control(indicate one of three options)	
fixed	**No**
staged	**No**
variable	**Yes**

Other items			
Sound power level(indoor)	Lwa	**64**	dB(A)
Sound power level(outdoor)	Lwa	**69**	dB(A)
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