

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		<b>FDT100VH</b>		Average(mandatory)		<b>Yes</b>	
Outdoor unit model name		<b>FDC100VSA</b>		Warmer(if designated)		<b>No</b>	
Function(indicate if present)				Colder(if designated)			
cooling		<b>Yes</b>					
heating		<b>Yes</b>					
Item				Item			
		symbol value unit				symbol value class	
Design load				Seasonal efficiency and energy efficiency class			
cooling		Pdesignc <b>10.0</b> kW		cooling		SEER <b>6.78</b> A++	
heating / Average		Pdesignh <b>8.5</b> kW		heating / Average		SCOP/A <b>4.52</b> A+	
heating / Warmer		-		heating / Warmer		SCOP/W -	
heating / Colder		-		heating / Colder		SCOP/C -	
				unit			
Declared capacity at outdoor temperature Tdesignh				Back up heating capacity at outdoor temperature Tdesignh			
heating / Average (-10°C)		Pdc <b>8.5</b> kW		heating / Average (-10°C)		elbu <b>0</b> kW	
heating / Warmer (2°C)		-		heating / Warmer (2°C)		-	
heating / Colder (-22°C)		-		heating / Colder (-22°C)		-	
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 <b>10.00</b> kW		Tj=35°C		EERd <b>3.66</b> -	
Tj=30°C		Pdc <b>7.37</b> kW		Tj=30°C		EERd <b>5.20</b> -	
Tj=25°C		Pdc <b>4.74</b> kW		Tj=25°C		EERd <b>8.95</b> -	
Tj=20°C		Pdc <b>3.55</b> kW		Tj=20°C		EERd <b>12.30</b> -	
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 <b>7.52</b> kW		Tj=-7°C		COPd <b>3.34</b> -	
Tj=2°C		Pdh <b>4.58</b> kW		Tj=2°C		COPd <b>4.22</b> -	
Tj=7°C		Pdh <b>2.94</b> kW		Tj=7°C		COPd <b>5.92</b> -	
Tj=12°C		Pdh <b>2.77</b> kW		Tj=12°C		COPd <b>6.93</b> -	
Tj=bivalent temperature		Pdh <b>8.50</b> kW		Tj=bivalent temperature		COPd <b>2.84</b> -	
Tj=operating limit		Pdh <b>6.77</b> kW		Tj=operating limit		COPd <b>2.51</b> -	
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 <b>-10</b> °C		heating / Average		Tol <b>-20</b> °C	
heating / Warmer		-		heating / Warmer		-	
heating / Colder		-		heating / Colder		-	
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 <b>0.25</b> -		heating		Cdh <b>0.25</b> -	
Electric power input in power modes other than 'active mode'				Annual electricity consumption			
off mode		Poff <b>8</b> W		cooling		Qce <b>516</b> kWh/a	
standby mode		Psb <b>8</b> W		heating / Average		Qhe <b>2633</b> kWh/a	
thermostat-off mode		Pto(cooling) <b>20</b> W		heating / Warmer		Qhe - kWh/a	
crankcase heater mode		Pto(heating) <b>30</b> W		heating / colder		Qhe - kWh/a	
		Pck <b>8</b> W					
Capacity control(indicate one of three options)				Other items			
fixed		<b>No</b>		Sound power level(indoor)		Lwa <b>62</b> dB(A)	
staged		<b>No</b>		Sound power level(outdoor)		Lwa <b>70</b> dB(A)	
variable		<b>Yes</b>		Global warming potential		GWP <b>2088</b> kgCO2eq.	
				Rated air flow(indoor)		- <b>2220</b> m3/h	
				Rated air flow(outdoor)		- <b>4500</b> m3/h	
Contact details for obtaining more information		Name and address of the manufacturer or of its authorised representative.					
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