

**Information requirements
(air-to-air air conditioners)**

Model(s):DC-60TKDB(W)、DOX-60TKDB(W)							
Outdoor side heat exchanger of air conditioner	air						
Indoor side heat exchanger of air conditioner	air						
Type	compressor driven vapour compression						
If applicable: driver of compressor	electric motor						
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	16.0	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	255.1	%
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19 °C (dry/wet bulb)				Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j			
$T_j = + 35\text{ °C}$	P_{dc}	16.27	kW	$T_j = + 35\text{ °C}$	EER_d	3.02	-
$T_j = + 30\text{ °C}$	P_{dc}	11.38	kW	$T_j = + 30\text{ °C}$	EER_d	4.95	-
$T_j = + 25\text{ °C}$	P_{dc}	7.22	kW	$T_j = + 25\text{ °C}$	EER_d	7.48	-
$T_j = + 20\text{ °C}$	P_{dc}	4.68	kW	$T_j = + 20\text{ °C}$	EER_d	10.88	-
Degradation co-efficient for air conditioners(*)	C_{dc}	0.25	—				-
Power consumption in modes other than ‘active mode’							
Off mode	P_{OFF}	0.0050	kW	Crankcase heater mode	P_{CK}	0.0000	kW
Thermostat-off mode	P_{TO}	0.0170	kW	Standby mode	P_{SB}	0.0050	kW
Other items							
Capacity control	variable			For air-to-air air conditioner: air flow rate, outdoor measured	—	6600	m^3/h
Sound power level, indoor/outdoor	L_{WA}	66.2/70.5	dB				
If engine driven: Emissions of nitrogen oxides	$NO_x(**)$	/	mg/kWh fuel input GCV				
GWP of the refrigerant	675		kg CO ₂ eq (100 years)				
Contact details: sat.eurofredgroup.com.				Name and address of the supplier: EUROFRED S.A. C/ Marqus de Sentmenat, 97 08029 Barcelona			
(*) If C_{dc} is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25. (**) From 26 September 2018. Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.							

**Information requirements
(heat pump)**

Model(s):DC-60TKDB(W)、DOX-60TKDB(W)							
Outdoor side heat exchanger of heat pump	air						
Indoor side heat exchanger of heat pump	air						
Indication if the heater is equipped with a supplementary heater	no						
If applicable: driver of compressor	electric motor						
Parameters declared for	Average climate condition						
Item	symbol	value	unit	Item	symbol	value	unit
Rated heating capacity	P _{rated,h}	17.0	kW	Seasonal space heating energy efficiency	η _{s,h}	143.9	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature T _j				Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T _j			
T _j = − 7 °C	P _{dh}	10.89	kW	T _j = − 7 °C	COP _d	2.29	-
T _j = + 2 °C	P _{dh}	6.65	kW	T _j = + 2 °C	COP _d	3.49	-
T _j = + 7 °C	P _{dh}	4.51	kW	T _j = + 7 °C	COP _d	5.11	-
T _j = + 12 °C	P _{dh}	3.33	kW	T _j = + 12 °C	COP _d	6.29	-
T _{biv} = bivalent temperature	P _{dh}	10.89	kW	T _{biv} = bivalent temperature	COP _d	2.29	-
T _{OL} = operation limit	P _{dh}	10.42	kW	T _{OL} = operation limit	COP _d	2.30	-
For air-to-water heat pumps: T _j = − 15 °C (if TOL < − 20 °C)	P _{dh}	NA	kW	For water-to-air heat pumps: T _j = − 15 °C (if TOL < − 20 °C)	COP _d	NA	-
Bivalent temperature	T _{biv}	-7.00	°C	For water-to-air heat pumps: Operation limit temperature	T _{ol}	-10.00	°C
Degradation co-efficient heat pumps(**)	C _{dh}	0.25	—				
Power consumption in modes other than ‘active mode’				Supplementary heater			
Off mode	P _{OFF}	0.0050	kW	Back-up heating capacity (*)	elbu	NA	kW
Thermostat-off mode	P _{TO}	0.0244	kW	Type of energy input			
Crankcase heater mode	P _{CK}	0.0000	kW	Standby mode	P _{SB}	0.0050	kW
Other items							
Capacity control	variable			For air-to-air heat pumps: air flow rate, outdoor measured	—	6600	m ³ /h
Sound power level, indoor/outdoor measured	L _{WA}	67.6/72.5	dB				
Emissions of nitrogen oxides (if applicable)	NO _x (**)	/	mg/kWh input GCV	For water/brine-to-air heat pumps: Rated brine or water flow rate, outdoor side heat exchanger	—	/	m ³ /h
GWP of the refrigerant	675		kg CO ₂ eq (100 years)				
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(*)
(**) If C_{dh} is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.
(***) From 26 September 2018.
Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.