HEATING & COOLING

Multisplit DC inverter with heat recovery

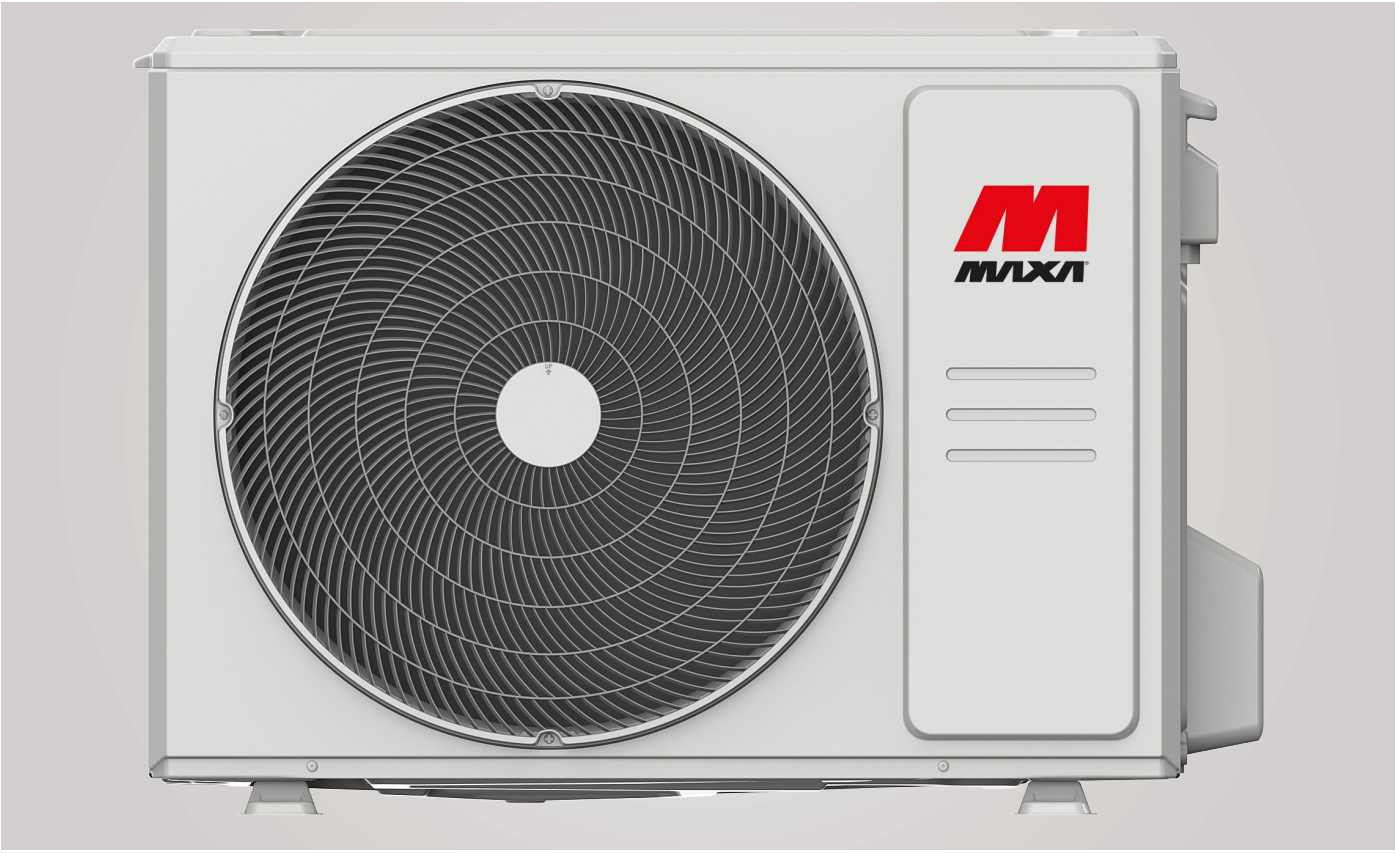
PRODUCT FICHE
ECODESIGN - Regulation (EU) No. 206/2012
ENERGY LABELLING - Delegated Regulation (EU) No. 626/2011

Range

EXT- Total One

Outdoor Unit + Indoor Unit

EXT4M80HR1 + TFL26R1 *2
EXT4M80HR1 + LDL26R3 *2



This information includes the results of calculation of the seasonal energy consumption and efficiency for air conditioner in regards to ErP pursuant to the Commission Regulation(EU) No.206/2012 and No.626/2011.
Information to identify the model(s) to which the information relates to:

00	05/2026	M.B.	E.A.	First issue
Rev	**Date**	**Edited**	**Approved**	**Notes**
Catalogo / Catalogue / Katalog / Catalogue				**Serie / Series / Serie / Serie / Série**
SCT03240120000_00				**Multisplit DC inverter with heat recovery**

Information requirements							
Indoor unit(s)	:	**TFL26R1 + TFL26R1 + TFL26R1**					
Outdoor unit	:	**EXT4M80HR1**					
Function (indicate if present)				**"if fuction 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'."**			
cooling		Y		"Average (mandatory)"		Y	
heating		Y		"Warmer (if designated)"		Y	
				"Colder (if designated)"		N	
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Design load				Seasonal efficiency			
cooling	Pdesignc	7,9	kW	cooling	SEER	6,3	-
heating/Average	Pdesignh	6,2	kW	heating/Average	SCOP/A	4,1	-
heating/Warmer	Pdesignh	6,3	kW	heating/Warmer	SCOP/W	5,1	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
"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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = 35 °C	Pdc	7,9	kW	Tj = 35 °C	EERd	3,2	-
Tj = 30 °C	Pdc	5,4	kW	Tj = 30 °C	EERd	5,1	-
Tj = 25 °C	Pdc	3,4	kW	Tj = 25 °C	EERd	7,6	-
Tj = 20 °C	Pdc	2,1	kW	Tj = 20 °C	EERd	12,6	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = -7 °C	Pdh	5,5	kW	Tj = -7 °C	COPd	2,8	-
Tj = 2 °C	Pdh	3,4	kW	Tj = 2 °C	COPd	4,2	-
Tj = 7 °C	Pdh	2,2	kW	Tj = 7 °C	COPd	5,0	-
Tj = 12 °C	Pdh	1,8	kW	Tj = 12 °C	COPd	5,6	-
"Tj = bivalent temperature"	Pdh	5,5	kW	"Tj = bivalent temperature"	COPd	2,8	-
Tj = operating limit	Pdh	5,7	kW	Tj = operating limit	COPd	2,2	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = 2 °C	Pdh	6,3	kW	Tj = 2 °C	COPd	3,1	-
Tj = 7 °C	Pdh	4,1	kW	Tj = 7 °C	COPd	5,3	-
Tj = 12 °C	Pdh	1,8	kW	Tj = 12 °C	COPd	6,0	-
"Tj = bivalent temperature"	Pdh	6,3	kW	"Tj = bivalent temperature"	COPd	3,1	-
Tj = operating limit	Pdh	6,3	kW	Tj = operating limit	COPd	3,1	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = -7 °C	Pdh	x,x	kW	Tj = -7 °C	COPd	x,x	-
Tj = 2 °C	Pdh	x,x	kW	Tj = 2 °C	COPd	x,x	-
Tj = 7 °C	Pdh	x,x	kW	Tj = 7 °C	COPd	x,x	-
Tj = 12 °C	Pdh	x,x	kW	Tj = 12 °C	COPd	x,x	-
"Tj = bivalent temperature"	Pdh	x,x	kW	"Tj = bivalent temperature"	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -15 °C	Pdh	x,x	kW	Tj = -15 °C	COPd	x,x	-
Bivalent temperature				**Operating limit temperature**			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
"Degradation co-efficient cooling"	Cdc	0,25	-	"Degradation co-efficient heating"	Cdc	0,25	-
"Electric power input in power modes other than 'active mode'"				**Annual electricity consumption**			
off mode	Poff	0,012	kW	cooling	Qce	439	kWh/a
standby mode	Psb	0,012	kW	heating/Average	Qhe	2117	kWh/a
"thermostat-off mode"	Pto	0,062	kW	heating/Warmer	Qhe	1729	kWh/a
"crankcase heater mode"	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control (indicate one of the options)				**Other items**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
fixed		N		"Sound power level (indoor/ outdoor)"	LWA	55/69	dB(A)
staged		N		"Global warning potential"	GWP	675	$kgCO^2$ eq
variable		Y		"Rated air flow (indoor/outdoor)"	-	/	m^3/h

Information requirements							
Indoor unit(s)	:	**LDL26R3 + LDL26R3 + LDL26R3**					
Outdoor unit	:	**EXT4M80HR1**					
Function (indicate if present)				**"if fuction 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'."**			
cooling		Y		"Average (mandatory)"		Y	
heating		Y		"Warmer (if designated)"		Y	
				"Colder (if designated)"		N	
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Design load				Seasonal efficiency			
cooling	Pdesignc	7,9	kW	cooling	SEER	6,3	-
heating/Average	Pdesignh	6,3	kW	heating/Average	SCOP/A	4,1	-
heating/Warmer	Pdesignh	6,6	kW	heating/Warmer	SCOP/W	5,1	-
heating/Colder	Pdesignh	x,x	kW	heating/Colder	SCOP/C	x,x	-
"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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = 35 °C	Pdc	7,9	kW	Tj = 35 °C	EERd	3,2	-
Tj = 30 °C	Pdc	5,4	kW	Tj = 30 °C	EERd	4,5	-
Tj = 25 °C	Pdc	3,4	kW	Tj = 25 °C	EERd	8,0	-
Tj = 20 °C	Pdc	2,3	kW	Tj = 20 °C	EERd	13,6	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = -7 °C	Pdh	5,6	kW	Tj = -7 °C	COPd	2,4	-
Tj = 2 °C	Pdh	3,4	kW	Tj = 2 °C	COPd	4,2	-
Tj = 7 °C	Pdh	2,2	kW	Tj = 7 °C	COPd	5,4	-
Tj = 12 °C	Pdh	1,7	kW	Tj = 12 °C	COPd	6,3	-
"Tj = bivalent temperature"	Pdh	5,6	kW	"Tj = bivalent temperature"	COPd	2,4	-
Tj = operating limit	Pdh	5,5	kW	Tj = operating limit	COPd	2,5	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = 2 °C	Pdh	6,6	kW	Tj = 2 °C	COPd	3,1	-
Tj = 7 °C	Pdh	4,5	kW	Tj = 7 °C	COPd	4,9	-
Tj = 12 °C	Pdh	2,0	kW	Tj = 12 °C	COPd	5,9	-
"Tj = bivalent temperature"	Pdh	6,6	kW	"Tj = bivalent temperature"	COPd	3,1	-
Tj = operating limit	Pdh	6,6	kW	Tj = operating limit	COPd	3,1	-
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**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
Tj = -7 °C	Pdh	x,x	kW	Tj = -7 °C	COPd	x,x	-
Tj = 2 °C	Pdh	x,x	kW	Tj = 2 °C	COPd	x,x	-
Tj = 7 °C	Pdh	x,x	kW	Tj = 7 °C	COPd	x,x	-
Tj = 12 °C	Pdh	x,x	kW	Tj = 12 °C	COPd	x,x	-
"Tj = bivalent temperature"	Pdh	x,x	kW	"Tj = bivalent temperature"	COPd	x,x	-
Tj = operating limit	Pdh	x,x	kW	Tj = operating limit	COPd	x,x	-
Tj = -15 °C	Pdh	x,x	kW	Tj = -15 °C	COPd	x,x	-
Bivalent temperature				**Operating limit temperature**			
heating/Average	Tbiv	-7	°C	heating/Average	Tol	-15	°C
heating/Warmer	Tbiv	2	°C	heating/Warmer	Tol	2	°C
heating/Colder	Tbiv	x	°C	heating/Colder	Tol	x	°C
Cycling interval capacity				Cycling interval efficiency			
for cooling	Pcycc	x,x	kW	heating/Average	EERcyc	x,x	-
for heating	Pcych	x,x	kW	heating/Warmer	COPcyc	x,x	-
"Degradation co-efficient cooling"	Cdc	0,25	-	"Degradation co-efficient heating"	Cdc	0,25	-
"Electric power input in power modes other than 'active mode'"				**Annual electricity consumption**			
off mode	Poff	0,012	kW	cooling	Qce	439	kWh/a
standby mode	Psb	0,012	kW	heating/Average	Qhe	2151	kWh/a
"thermostat-off mode"	Pto	0,041	kW	heating/Warmer	Qhe	1812	kWh/a
"crankcase heater mode"	Pck	0	kW	heating/Colder	Qhe	x	kWh/a
Capacity control (indicate one of the options)				**Other items**			
Item	**symbol**	**value**	**unit**	**Item**	**symbol**	**value**	**unit**
fixed		N		"Sound power level (indoor/ outdoor)"	LWA	55/69	dB(A)
staged		N		"Global warning potential"	GWP	675	$kgCO^2$ eq
variable		Y		"Rated air flow (indoor/outdoor)"	-	/	m^3/h

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