

## MULTI DAKOTA 60

# DUO / TRIO DC INVERTER

### MULTISPLITS

2 Heat Pump models  
From 4,5 kW to 6,6 kW

## PRODUCT ADVANTAGES

- DUO DAKOTA 60 DCI - Combinations 9-9 & 9-12.
- TRIO DAKOTA 60 DCI - Combinations 9-9-9 / 9-9-12 / 9-9 / 12-12.
- Outdoor units compatible with DAKOTA 60 DC Inverter indoor units.
- R410A "green" fluid.
- DC Inverter Scroll compressor (TRIO DAKOTA 60 DCI).
- Compact outdoor units.
- Class A energy label.
- Heating mode operation down to outdoor temperatures of -15° C.
- Set temperature point reached rapidly.
- Silent running.

OUTDOOR UNIT  
DUO DAKOTA 38 DCI



OUTDOOR UNIT  
TRIO DAKOTA 52 DCI



DCI Wall mounted



		WDI 9 DCI	WDI 12 DCI
Cooling Capacity	kW	2,5	3,5
Heating Capacity	kW	2,5	3,5
Airflow <sup>2</sup>	m <sup>3</sup> /h	117/117	153/153
Acoustic pressure to 1m <sup>1</sup>	dB(A)	32/35/39	29/33/39
Weight	kg	7	8
Dimensions (WxDxH)	mm	680x185x250	840x185x250
<b>Part number</b>		<b>7SP022739</b>	<b>7SP022740</b>
<b>Price</b>	€		

<sup>1</sup>Data are relative to Low speed, Medium speed and High speed

<sup>2</sup>Cooling / Heat Pump.

## Accessories

### DUO 38 DCI

### TRIO 52 DCI

Mounting bracket	7ACTL0016	€	-
	7ACTL0018	€	-



DUO 38 DCI  
TRIO 52 DCI



DC INVERTER



## MULTI DAKOTA DCI 60

		DUO 38 DCI			TRIO 52 DCI			
<b>Cooling</b>	<b>Capacity</b>	kW	<b>3,9 (1,5-5,5)</b>			<b>5,2 (1,0-6,5)</b>		
	Power input	kW	1,1			1,55		
	EER/Energy Label		3,55 / A			3,35 / A		
	Operating limits	°C	-10° / 46° Dry Bulb			-10° / 46° Dry Bulb		
<b>Heating</b>	<b>Capacity</b>	kW	<b>4,5 (1,2-6,2)</b>			<b>6,6 (1,0-7,3)</b>		
	Power input	kW	1,24			1,8		
	COP/Energy Label		3,61 / A			3,67 / A		
	Operating limits	°C	-15° / 24° Dry Bulb			-15° / 24° Dry Bulb		
<b>Outdoor unit</b>	Sound pressure level 1 mt	dB(A)	53			56		
	Sound power level	dB(A)	63			67		
	Airflow	m <sup>3</sup> /h	2160			2860		
	Compressor type		Rotary DC Inverter			Scroll DC Inverter		
	Dimensions (WxDxH)	mm	795x290x610			846x302x690		
	Weight	kg	38			48		
<b>Power supply 1-230V - 60 Hz</b>	<b>Part number</b>		<b>7SP091144</b>			<b>7SP091145</b>		
	<b>Price</b>	€						
<b>Power supply 1-230V - 60Hz</b>	Power supply side		Outdoor			Outdoor		
	Power cable section	mm <sup>2</sup>	3x2,5			3x2,5		
	Fuse rating	A	16			20		
	Electrical connections	mm <sup>2</sup>	2 x (4x1,5)			3 x (4x1,5)		
	Suction pipe diameter	inches	2 x 3/8"			3 x 3/8"		
<b>Pipe line</b>	Liquid pipe diameter	inches	2 x 1/4"			3 x 1/4"		
	Max lenght	m	25			35		
	Max height per circuit	m	10			25		
	Max height between indoor and outdoor units	m	10			15		
	Max height between indoor units	m	5			5		

DUO 38 DCI Indoor units combinations	COOLING									HEATING										
	Capacity (kW)						Power input (kW)			Capacity (kW)						Power input (kW)				
	A	B	C	D	Total	Min	Max	Nom.	Min	Max	A	B	C	D	Total	Min	Max	Nom.	Min	Max
9	2.50				2.50	1.50	3.00	750	450	980	2.80				2.80	1.20	3.50	910	450	1220
12	3.50				3.50	1.50	4.10	1030	450	1250	3.60				3.60	1.20	4.10	1030	450	1150
9 + 9	1.95	1.95			3.90	1.50	5.50	1100	450	1800	2.25	2.25			4.50	1.20	6.20	1240	450	1800
9 + 12	1.95	3.05			5.00	1.50	5.50	1700	450	1800	2.25	3.25			5.50	1.20	6.20	1600	450	1800

TRIO 52 DCI Indoor units combinations	COOLING									HEATING										
	Capacity (kW)						Power input (kW)			Capacity (kW)						Power input (kW)				
	A	B	C	D	Total	Min	Max	Nom.	Min	Max	A	B	C	D	Total	Min	Max	Nom.	Min	Max
9	2.50				2.50	1.10	3.50	740	510	1040	3.00				3.00	1.20	3.50	795	450	920
12	3.50				3.50	1.20	4.20	1020	510	1250	4.20				4.20	1.20	4.50	1080	510	1160
9 + 9	2.15	2.15			4.30	1.71	6.20	1250	610	1910	2.65	2.65			5.30	1.80	6.50	1350	460	1600
9 + 12	2.15	3.00			5.15	1.71	6.28	1510	600	1930	2.65	3.35			6.00	2.00	7.10	1450	510	1920
12 + 12	3.00	3.00			6.00	1.80	6.40	1720	635	2110	3.35	3.35			6.70	2.10	7.15	1700	515	1930
9 + 9 + 9	1.73	1.73	1.74		5.20	1.86	6.44	1550	640	2020	2.20	2.20	2.20		6.60	2.12	7.26	1800	640	2000
9 + 9 + 12	1.73	1.73	2.60		6.06	1.88	6.50	1740	640	2130	2.20	2.20	3.02		7.42	2.20	7.60	1910	640	2110