

DUO / YAZ DC INVERTER

MULTISPLITS

3 Heat Pump models
From 6,2 kW to 9,8 kW

PRODUCT ADVANTAGES







- Outdoor units compatible with DC Inverter indoor units.
- DC Inverter Twin Rotary compressor (depending on models).
- Compact outdoor units.
- Variable cooling and heating capacity from 30% to 115% (of rated capacity).
- Sinusoidal Current drive control in both outdoor fan motor and compressor : Enable improve sound level - Reduce vibration - Improve the efficiency
- High Power Factor PFC Control by Partial Switching Technology to minimize power loss,
- R410A "green" fluid.
- Networking connectivity.
- Pre-charged system.
- Liquid sensors - realizing proper capacity balance of indoor units in heating mode and improve the capacity control.
- Silent running.

OUTDOOR UNIT
DUO 50 DCI



OUTDOOR UNIT
YAZ324 - YAZ430



 DCI Wall mounted XLF		XLF 9 DCI	XLF 12 DCI		
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 2,5 34/36/38 570x160x570 7SP022755 €	3,5 3,5 34/37/39 570x160x570 7SP022756 €	
 DCI Wall mounted PNX0		PNX0 09 DCI	PNX0 12 DCI	PNX0 18 DCI	
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 3,4 26/30/39 810x210x285 7SP022798 €	3,5 4,3 26/32/40 810x210x285 7SP022799 €	5,0 6,0 34/39/43 1060x210x295 7SP022800 €
 DCI Wall mounted HCD		HCD 009 DCI	HCD 012 DCI	HCD 018 DCI	
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 3,4 26/30/39 810x210x285 7SP022808 €	3,5 4,3 26/32/40 810x210x285 7SP022809 €	5,0 6,0 34/39/43 1060x210x295 7SP022810 €
 DCI Floor/Ceiling splits SX		SX 9 DCI	SX 12 DCI	SX 18 DCI	
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 3,3 35/37/39 820x190x630 7SP012113 €	3,5 4,2 38/41/45 820x190x630 7SP012114 €	5,0 5,6 45/48/51 1200x190x630 7SP012115 €
 DCI Cassettes CK		CK 9 DCI	CK 12 DCI	CK 18 DCI	
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 3,2 26/29/32 575x575x219 7SP022750 €	3,5 4,2 28/31/34 575x575x219 7SP022751 €	5,0 5,8 30/33/36 575x575x270 7SP022752 €
 DCI Ducted DLF DLS		DLF 9 DCI	DLF 12 DCI	DLF 18 DCI	DLS 18 DCI
	Cooling Capacity kW Heating Capacity kW Acoustic pressure to 1m ¹ dB(A) Dimensions (WxDxH) mm Part number Price	kW kW dB(A) mm €	2,5 3,4 23/26/29 860x245x630 7SP022746 €	3,5 4,3 24/27/31 860x245x630 7SP022747 €	5,0 6,0 29/32/35 860x245x630 7SP022748 €

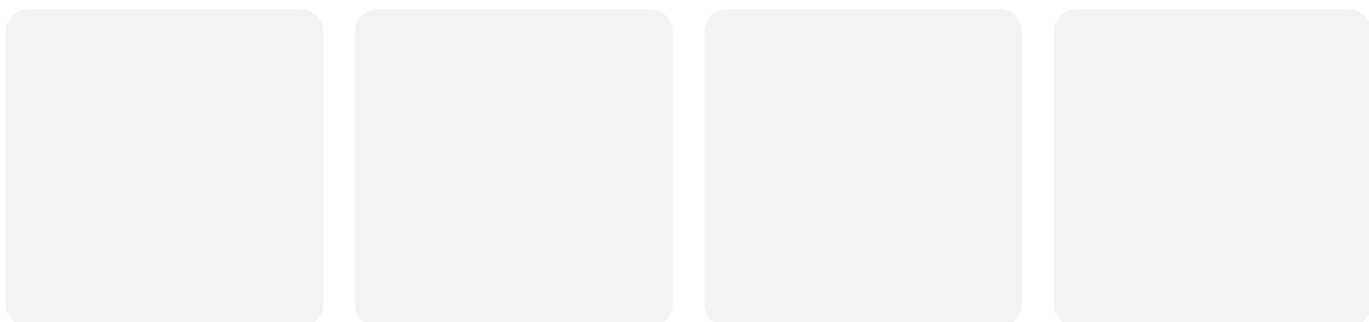
¹Data are relative to Low speed, Medium speed and High speed

The CK DCI is delivered without panel. For each order, decoration panel must be ordered according to the installation situation. Please refer to CK DCI page.



DUO / YAZ 3 / YAZ 4 DCI

			DUO 50 DCI	AWAU-YAZ324-H11	AWAU-YAZ430-H11
Cooling	Capacity	kW	5 (1,2-6,48)	7,35 (1,3-9)	8 (1,4-9,2)
	Power input	kW	1,47	2,24	2,38
	EER/Energy Label		3,4 / A	3,28 / A	3,36 / A
	Operating limits	°C	-10° / 46° Dry Bulb	-10° / 46° Dry Bulb	-10° / 46° Dry Bulb
Heating	Capacity	kW	6,2 (0,95-7,75)	9,2 (0,95-11)	9,8 (0,95-11)
	Capacity at -15°C	kW	3,7	5,4	5,7
	Power input	kW	1,67	2,31	2,36
	COP/Energy Label		3,71 / A	3,98 / A	4,15 / A
Operating limits	°C	-15° / 24° Dry Bulb	-15° / 24° Dry Bulb	-15° / 24° Dry Bulb	
Outdoor unit	Sound pressure level 1 mt	dB(A)	53	57	57
	Sound power level	dB(A)	64	69	69
	Airflow	m³/h	2160	3600	3600
	Compressor type		Scroll DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
	Dimensions (WxDxH)	mm	795x290x610	950x413x864	950x413x864
Weight	kg	43	69	70	
Power supply 1-230V - 50 Hz	Part number		7SP091110	7SP091149	7SP091151
	Price	€			
Power supply 1-230V - 50Hz	Power supply side		Outdoor	Outdoor	Outdoor
	Power cable section	mm²	3x2,5	3x2,5	3x2,5
	Fuse rating	A	16	25	25
	Electrical connections	mm²	2x(4x1,5)	3x(4x1,5)	4x(4x1,5)
Pipe line	Suction pipe diameter	inches	2x3/8"	2x3/8" + 1x1/2"	3x3/8" + 1x1/2"
	Liquid pipe diameter	inches	2x1/4"	3x1/4"	4x1/4"
	Max lenght	m	30	50	70
	Max lenght per circuit	m	25	25	25
	Max height between indoor and outdoor units	m	10	15	15
	Max height between indoor units	m	5	15	15



Accessories	DUO 50 DCI	AWAU-YAZ324-H11	AWAU-YAZ430-H11
Mounting bracket	7ACTL0016 €		

DUO 50 DC INVERTER



Based on wall mounted combination

Indoor units combinations	COOLING										HEATING											
	Capacity (kW)						Power input (kW)				EER/ Energy label	Capacity (kW)					Power input (kW)			COP/ Energy label		
	A	B	C	D	Total	Min	Max	Nom.	Min	Max		A	B	C	D	Total	Min	Max	Nom.		Min	Max
9				2.5	2.5	1.22	3.70	680	420	980	3.68/A				3.4	3.4	0.95	4.00	1135	375	1250	3.00/D
12				3.5	3.5	1.2	4.4	1030	420	1275	3.40/A				4.2	4.2	1.0	5.2	1575	375	1760	2.67/E
9+9			2.5	2.5	5.0	1.4	6.0	1470	410	2100	3.40/A			3.1	3.1	6.2	1.3	7.1	1670	320	1960	3.71/A
9+12			2.5	3	5.5	1.4	6.2	1850	410	2130	2.97/B			3.1	3.5	6.6	1.3	7.4	1760	320	2020	3.75/A
12+12			3	3	6.0	1.4	6.5	2040	410	2160	2.94/C			3.5	3.5	6.9	1.3	7.8	1970	320	2050	3.50/C

YAZ3 DC INVERTER



Based on wall mounted combination

Indoor units combinations	COOLING										HEATING									
	Capacity (kW)						Power input (kW)				EER/ Energy label	Capacity (kW)					Power input (kW)			COP/ Energy label
	A	B	D	Totale	Min	Max	Nom.	Min	Max	A		B	D	Totale	Min	Max	Nom.	Min	Max	
9	-	-	2.50	2.50	1.30	3.70	685	500	1,025	3.65/A	-	-	3.40	3.40	0.95	4.00	685	500	897	4.96/A
12	-	-	3.50	3.50	1.30	4.40	968	500	1,223	3.62/A	-	-	4.30	4.30	0.95	5.20	1,003	485	1,320	4.29/A
18	-	-	5.00	5.00	1.49	5.93	1,393	566	1,656	3.59/A	-	-	6.20	6.20	1.11	7.50	1,673	549	2,131	3.71/A
9+9	-	2.60	2.60	5.19	1.86	6.56	1,532	683	1,856	3.39/A	-	3.68	3.68	7.36	1.43	9.10	1,933	649	2,636	3.81/A
9+12	-	2.62	3.49	6.11	1.86	7.73	1,823	683	2,541	3.35/A	-	3.33	4.44	7.77	1.43	9.50	2,062	649	2,711	3.77/A
9+50	-	2.49	4.98	7.47	1.86	9.00	2,251	659	3,046	3.32/A	-	3.07	6.13	9.20	1.43	10.10	2,514	622	2,737	3.66/A
35+35	-	3.53	3.53	7.06	1.86	9.00	2,120	683	2,246	3.33/A	-	4.09	4.09	8.18	1.43	9.80	2,191	649	2,711	3.73/A
35+50	-	2.99	4.48	7.47	1.86	9.00	2,251	659	3,055	3.32/A	-	3.68	5.52	9.20	1.43	10.50	2,514	622	2,871	3.66/A
9+9+9	2.45	2.45	2.45	7.35	2.69	8.98	2,240	949	3,049	3.28/A	3.07	3.07	3.07	9.20	2.06	10.99	2,310	804	3,013	3.98/A
9+9+12	2.25	2.25	2.99	7.48	2.69	9.00	2,281	949	3,157	3.28/A	2.76	2.76	3.68	9.20	2.06	11.00	2,310	804	2,966	3.98/A
9+9+18	1.87	1.87	3.74	7.47	2.69	9.00	2,278	962	3,097	3.28/A	2.30	2.30	4.60	9.20	2.06	11.00	2,310	773	2,826	3.98/A
9+12+12	2.04	2.71	2.71	7.46	2.69	9.00	2,275	949	3,097	3.28/A	2.51	3.34	3.34	9.19	2.06	11.00	2,307	804	2,938	3.98/A
9+12+18	1.72	2.30	3.45	7.46	2.69	9.00	2,275	962	3,061	3.28/A	2.12	2.82	4.24	9.18	2.14	11.00	2,305	773	2,752	3.98/A
12+12+12	2.49	2.49	2.49	7.47	2.69	9.00	2,278	990	3,085	3.28/A	3.07	3.07	3.07	9.20	2.06	11.00	2,310	804	2,845	3.98/A
12+12+18	2.13	2.13	3.19	7.45	2.69	9.00	2,272	962	3,086	3.28/A	2.63	2.63	3.94	9.19	2.14	11.00	2,307	773	2,696	3.98/A

Preliminary combination

YAZ4 DC INVERTER



Based on wall mounted combination

Indoor units combinations	COOLING										HEATING											
	Capacity (kW)					Power input (kW)			EER/ Energy label	Capacity (kW)					Power input (kW)			COP/ Energy label				
	A	B	C	D	Totale	Min	Max	Nom.		Min	Max	A	B	C	D	Totale	Min		Max	Nom.	Min	Max
9	-	-	-	2.50	2.50	1.40	3.70	685	500	1,025	3.65/A	-	-	-	3.40	3.40	0.95	4.00	685	400	859	4.96/A
12	-	-	-	3.50	3.50	1.40	4.40	968	500	1,223	3.62/A	-	-	-	4.30	4.30	0.95	5.20	946	388	1,207	4.54/A
18	-	-	-	5.00	5.00	1.60	5.60	1,393	570	1,563	3.59/A	-	-	-	6.20	6.20	1.11	7.50	1,497	455	1,875	4.14/A
9+9	-	-	2.54	2.54	5.08	2.00	6.20	1,453	689	1,742	3.49/A	-	-	3.75	3.75	7.51	1.43	8.63	1,768	539	2,172	4.25/A
9+12	-	-	2.56	3.42	5.98	2.00	7.30	1,722	689	2,385	3.47/A	-	-	3.40	4.53	7.92	1.43	9.01	1,902	539	2,235	4.17/A
9+18	-	-	2.54	5.08	7.61	2.00	8.50	2,210	665	2,858	3.45/A	-	-	3.13	6.26	9.38	1.43	9.58	2,337	516	2,255	4.02/A
12+12	-	-	3.45	3.45	6.90	2.10	8.80	1,998	689	2,921	3.46/A	-	-	4.17	4.17	8.34	1.43	9.29	1,988	539	2,235	4.20/A
12+18	-	-	3.15	4.72	7.87	2.10	8.80	2,285	665	2,876	3.44/A	-	-	3.92	5.88	9.80	1.43	9.96	2,396	516	2,366	4.09/A
9+9+9	-	2.40	2.40	2.40	7.19	2.90	9.00	2,112	915	2,938	3.40/A	-	3.13	3.13	3.13	9.38	2.06	11.00	2,226	671	2,621	4.22/A
9+9+12	-	2.36	2.36	3.15	7.87	2.90	9.00	2,445	915	2,899	3.22/A	-	2.94	2.94	3.92	9.80	2.06	11.00	2,308	671	2,891	4.25/A
9+9+18	-	2.00	2.00	4.01	8.01	2.90	9.00	2,466	928	2,851	3.25/A	-	2.45	2.45	4.90	9.80	2.06	11.00	2,144	646	2,883	4.57/A
9+12+12	-	2.17	2.90	2.90	7.97	2.90	9.00	2,445	915	2,851	3.26/A	-	2.67	3.56	3.56	9.78	2.06	11.00	2,246	671	2,874	4.35/A
9+12+18	-	1.87	2.50	3.74	8.11	2.90	9.00	2,476	928	2,821	3.28/A	-	2.26	3.01	4.51	9.78	2.14	11.00	2,082	646	2,731	4.70/A
12+12+12	-	2.69	2.69	2.69	8.07	2.90	9.00	2,372	955	2,841	3.40/A	-	3.26	3.26	3.26	9.79	2.06	11.00	2,226	671	2,857	4.40/A
12+12+18	-	2.31	2.31	3.47	8.10	2.90	9.00	2,372	928	2,802	3.42/A	-	2.79	2.79	4.19	9.78	2.14	11.00	2,062	646	2,671	4.74/A
9+9+9+9	2.00	2.00	2.00	2.00	8.00	3.70	9.17	2,380	981	2,937	3.36/A	2.45	2.45	2.45	2.45	9.80	2.69	10.97	2,360	561	2,935	4.15/A
9+9+9+12	1.87	1.87	1.87	2.49	8.10	3.70	9.20	2,413	981	2,915	3.36/A	2.25	2.25	2.25	3.01	9.77	2.69	11.00	2,336	561	2,900	4.18/A
9+9+9+18	1.62	1.62	1.62	3.25	8.12	3.70	9.20	2,337	957	2,882	3.48/A	1.96	1.96	1.96	3.92	9.80	2.77	11.00	2,274	551	2,779	4.31/A
9+9+12+12	1.74	1.74	2.32	2.32	8.11	3.70	9.20	2,402	981	2,882	3.38/A	2.10	2.10	2.80	2.80	9.79	2.69	11.00	2,287	561	2,857	4.28/A
9+9+12+18	1.52	1.52	2.03	3.05	8.12	3.70	9.20	2,304	957	2,849	3.53/A	1.84	1.84	2.45	3.67	9.79	2.77	11.00	2,177	551	2,762	4.50/A
9+12+12+12	1.62	2.16	2.16	2.16	8.11	3.70	9.20	2,391	981	2,871	3.39/A	1.96	2.61	2.61	2.61	9.78	2.69	11.00	2,250	561	2,822	4.35/A
9+12+12+18	1.43	1.91	1.91	2.87	8.12	3.70	9.20	2,304	957	2,890	3.53/A	1.73	2.30	2.30	3.45	9.78	2.77	11.00	2,177	551	2,903	4.49/A
12+12+12+12	2.03	2.03	2.03	2.03	8.12	3.70	9.20	2,380	981	2,838	3.41/A	2.45	2.45	2.45	2.45	9.80	2.69	11.00	2,360	551	2,796	4.15/A

Preliminary combination