



2,5kW



3,5kW



5,0kW

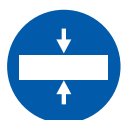


7,1kW

COMANDI OPTIONAL
PER I COMANDI
CONSULTARE LA SEZIONE
SISTEMI DI CONTROLLO



Silenziosità



Design Compatto



3D



Pompa Scarico Condensa

UNITÀ INTERNA	Modello		AD25S2SS1FA	AD35S2SS1FA	AD50S2SS1FA	AD71S2SS1FA
	Codice commerciale		2504651A2	2504652A2	2504655A2	2504656A2
Dati prestazionali						
Potenza resa RAFF.	nom (min-max)	kW	2,5	3,5	5,0	7,1
Potenza resa RISC.	nom (min-max)	kW	3,0	4,0	5,5	7,5
Alimentazione		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Volume aria trattato		m³/h	530/460/390/330	600/480/420/350	900/750/600	1000/850/750
Pressione statica		Pa	0/10/20/30	0/10/20/30	0/10/20/30	0/10/20/30
Unità interna						
Potenza sonora RAFF.		dB	50	53	54	57
Pressione sonora RAFF.		dB(A)	29/28/25	33/28/25	36/34/32	38/35/33
Dimensioni	L x P x H	mm	850x420x185	850x420x185	1170x420x185	1170x420x185
Peso netto		kg	16	16	22	24
Dati idraulici						
Tubazione liquido Ø		mm	6,35	6,35	6,35	9,52
Tubazione gas Ø		mm	9,52	9,52	12,7	15,88
Comando						
Di serie	/		/	/	/	/
Pannello						
Modello			P1B-890IA/D	P1B-890IA/D	P1B-1210IA/D	P1B-1210IA/D
Dimensioni	L x P x H	mm	890x190x100 (Griglia espulsione)	890x190x100 (Griglia espulsione)	1210x190x100 (Griglia espulsione)	1210x190x100 (Griglia espulsione)
			928x220x335 (Griglia ripresa)	928x220x335 (Griglia ripresa)	1258x220x335 (Griglia ripresa)	1258x220x335 (Griglia ripresa)
Peso netto		kg	4	4	5	5



2U40S2SC1FA 1:2



2U50S2SF1FA 1:2



3U55S2SR2FA 1:3



3U70S2SR2FA 1:3



4U75S2SR2FA 1:4



4U85S2SR2FA 1:4



5U105S2SS2FA 1:5

UNITÀ ESTERNA	Modello		2U40S2SC1FA	2U50S2SF1FA	3U55S2SR2FA	3U70S2SR2FA	4U75S2SR2FA	4U85S2SR2FA	5U105S2SS2FA
	Codice commerciale		2502323A2	2502325A2	2502325G2	2502325K2	2502326B2	2502327B2	2502328A2
	Max UI		2	2	3	3	4	4	5
Dati prestazionali									
Potenza resa RAFF.	nom (min-max)	kW	4,0 (1,1-4,8)	5,0 (1,3-6,0)	5,5 (2,1-7,3)	7,0 (2,4-8,4)	7,5 (2,4-8,7)	8,5 (3,2-9,5)	10,0 (1,5-11,5)
Potenza resa RISC.	nom (min-max)	kW	4,4 (1,8-5,2)	5,7 (1,8-6,6)	6,8 (1,7-8,3)	7,6 (2,9-10,6)	8,6 (3,1-10,7)	9,6 (4,4-10,7)	10,5 (4,4-12,0)
Potenza assorbita RAFF.	nom (min-max)	kW	1,0 (0,3-1,6)	1,5 (0,3-2,4)	1,38	1,75	2,0	2,5	3,4
Potenza assorbita RISC.	nom (min-max)	kW	1,0 (0,4-1,9)	1,5 (0,5-2,4)	1,55	1,8	2,15	2,4	2,8
Classe energetica	EER		3,92	3,5	4,0	4,0	3,8	3,4	3,0
Classe energetica	COP		4,07	3,70	4,4	4,2	4,0	4,0	3,8
Pdesign RAFF.	capacità (35°)	kW	4,0	5,0	5,5	7,0	7,5	8,5	10
Pdesign RISC.	capacità (-10°)	kW	3,3	5,2	4,7	6,0	6,3	7,0	8,0
Classe energetica RAFF.	SEER		6,2 (A++)	6,5 (A++)	7,5 (A++)	7,5 (A++)	7,0 (A++)	7,0 (A++)	7,0 (A++)
Classe energetica RISC.	SCOP		4,0 (A+)	4,0 (A+)	4,0 (A+)	4,2 (A+)	4,0 (A+)	4,0 (A+)	4,0 (A+)
Consumo annuo di energia RAFF		kWh/a	226	269	258	332	379	456	537
Consumo annuo di energia RISC		kWh/a	1151	1817	1679	2012	2179	2503	2889
Unità esterna									
Alimentazione		Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Volume aria trattato		m³/h	1900	2900	3000	3000	4000	4000	4200
Potenza sonora RAFF.		dB	62	63	64	66	68	68	71
Pressione sonora RAFF.		dB(A)	52	53	51	53	55	55	55
Dimensioni	L x P x H	mm	780x270x540	810x288x688	890x340x700	890x340x700	890x340x700	890x340x700	920x372x760
Peso netto		kg	34	43	51	54	61	61	66
Tipo compressore			Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Marca compressore			Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Dati idraulici									
Refrigerante			R32	R32	R32	R32	R32	R32	R32
Tubazione liquido Ø		mm	2x6,35	2x6,35	3x6,35	3x6,35	4x6,35	4x6,35	5x6,35
Tubazione gas Ø		mm	2x9,52	2x9,52	3x9,52	3x9,52	3x9,52+1x12,7	3x9,52+1x12,7	3x9,52+2x12,7
Lunghezza totale tubazioni max		m	30	30	50	60	70	70	80
Lunghezza tubazioni max singola linea UE-UI		m	20	20	25	25	25	25	25
Lunghezza tubazioni std senza carica refrigerante		m	20	20	30	30	40	40	40
Dislivello max UI - UE		m	15	15	15	15	15	15	15
Dislivello max UI - UI		m	15	15	7,5	7,5	7,5	7,5	7,5
Carica refrigerante in fabbrica	R32	kg	1,0	1,2	1,6	1,6	2,2	2,2	2,4
Tonnellate equivalenti di CO ₂		tCO ₂ EQ	0,67	0,81	1,08	1,08	1,48	1,48	1,62
Carica refrigerante aggiuntiva	R32	g/m	20	20	20	20	20	20	20
Limiti di funz. RAFF.	min-max	°C	-10÷46°C	-10÷46°C	-10÷46°C	-10÷46°C	-10÷46°C	-10÷46°C	-10÷46°C
Limiti di funz. RISC.	min-max	°C	-15÷24°C	-15÷24°C	-15÷24°C	-15÷24°C	-15÷24°C	-15÷24°C	-15÷24°C

3U5S2SR2FA

RAFFRESCAMENTO																			
Combinazioni			Potenza resa (kW)			Potenza resa sistema (kW)			Potenza assorbita (kW)			Corrente assorbita (A)			EER	Classe energ.	SEER	Classe energ.	
UI	A	B	C	A	B	C	min	nom	max	min	nom	max	min	nom	max				
1	2.0	—	—	2.00	—	—	0.80	2.00	2.80	0.55	0.62	1.50	2.44	2.75	6.65	3.23	A	6.50	A++
	2.5	—	—	2.60	—	—	0.80	2.60	3.90	0.55	0.78	1.65	2.44	3.46	7.32	3.33	A	6.50	A++
	3.5	—	—	3.60	—	—	1.00	3.60	5.30	0.55	1.07	1.76	2.44	4.75	7.81	3.36	A	6.50	A++
	4.2	—	—	4.40	—	—	1.30	4.40	5.00	0.55	1.28	2.15	2.44	5.68	9.54	3.44	A	6.50	A++
	5.0	—	—	5.2	—	—	1.40	5.2	7.00	0.55	1.48	2.24	2.44	6.57	9.94	3.51	A	6.50	A++
2	2.0	2.0	—	2.00	2.00	—	1.60	4.00	5.60	0.55	1.18	2.50	2.44	5.24	11.09	3.39	A	6.60	A++
	2.0	2.5	—	2.00	2.60	—	1.80	4.60	6.70	0.55	1.32	2.50	2.44	5.86	11.09	3.48	A	6.70	A++
	2.0	3.5	—	1.96	3.54	—	2.10	5.50	7.00	0.55	1.55	2.50	2.44	6.88	11.09	3.55	A	6.80	A++
	2.0	4.2	—	1.72	3.78	—	2.10	5.50	7.00	0.55	1.54	2.50	2.44	6.83	11.09	3.57	A	6.80	A++
	2.0	5.0	—	1.53	3.97	—	2.10	5.50	7.00	0.55	1.54	2.50	2.44	6.83	11.09	3.57	A	6.80	A++
	2.5	2.5	—	2.60	2.60	—	2.00	5.20	7.00	0.55	1.49	2.50	2.44	6.61	11.09	3.49	A	6.80	A++
	2.5	3.5	—	2.18	3.02	—	2.10	5.20	7.00	0.55	1.53	2.50	2.44	6.79	11.09	3.40	A	6.30	A++
	2.5	4.2	—	2.04	3.46	—	2.10	5.50	7.00	0.55	1.52	2.50	2.44	6.74	11.09	3.62	A	6.80	A++
	2.5	5.0	—	1.83	3.67	—	2.10	5.50	7.00	0.55	1.50	2.50	2.44	6.65	11.09	3.67	A	6.80	A++
	3.5	3.5	—	2.75	2.75	—	2.10	5.50	7.00	0.55	1.50	2.50	2.44	6.65	11.09	3.67	A	6.80	A++
3	2.0	2.0	2.0	1.83	1.83	1.83	2.10	5.50	7.00	0.55	1.45	2.50	2.44	6.43	11.09	3.79	A	7.20	A++
	2.0	2.0	2.5	1.67	1.67	2.17	2.10	5.50	7.00	0.55	1.45	2.50	2.44	6.43	11.09	3.79	A	7.20	A++
	2.0	2.0	3.5	1.45	1.45	2.61	2.10	5.50	7.00	0.55	1.43	2.50	2.44	6.34	11.09	3.85	A	7.30	A++
	2.0	2.5	2.5	1.53	1.99	1.99	2.10	5.50	7.00	0.55	1.43	2.50	2.44	6.34	11.09	3.85	A	7.40	A++
	2.0	2.5	3.5	1.34	1.74	2.41	2.10	5.50	7.00	0.55	1.42	2.50	2.44	6.30	11.09	3.87	A	7.40	A++
	2.5	2.5	2.5	1.83	1.83	1.83	2.10	5.50	7.00	0.55	1.37	2.50	2.44	6.08	11.09	4.01	A	7.50	A++
2.5	2.5	3.5	1.63	1.63	2.25	2.10	5.50	7.00	0.55	1.37	2.50	2.44	6.08	11.09	4.01	A	7.50	A++	

RISCALDAMENTO																			
Combinazioni			Potenza resa (kW)			Potenza resa sistema (kW)			Potenza assorbita (kW)			Corrente assorbita (A)			COP	Classe energ.	SCOP	Classe energ.	
UI	A	B	C	A	B	C	min	nom	max	min	nom	max	min	nom	max				
1	2.0	—	—	2.30	—	—	0.80	2.30	4.00	0.55	0.63	1.80	2.44	2.80	7.99	3.65	A	3.50	A
	2.5	—	—	3.60	—	—	0.80	3.60	6.00	0.55	0.98	1.90	2.44	4.35	8.43	3.67	A	3.50	A
	3.5	—	—	4.50	—	—	1.00	4.50	6.00	0.55	1.20	2.00	2.44	5.32	8.87	3.75	A	3.50	A
	4.2	—	—	5.40	—	—	1.50	5.40	6.00	0.55	1.40	2.00	2.44	6.21	8.87	3.86	A	3.60	A
	5.0	—	—	6.00	—	—	1.50	6.00	7.60	0.55	1.55	2.20	2.44	6.88	9.76	3.87	A	3.60	A
2	2.0	2.0	—	2.30	2.30	—	1.20	4.60	7.60	0.55	1.25	2.10	2.44	5.55	9.32	3.68	A	3.70	A
	2.0	2.5	—	2.30	3.60	—	1.20	5.90	7.60	0.55	1.54	2.10	2.44	6.83	9.32	3.83	A	3.75	A
	2.0	3.5	—	2.30	4.50	—	1.20	6.80	7.60	0.55	1.72	2.10	2.44	7.63	9.32	3.95	A	3.75	A
	2.0	4.2	—	2.03	4.77	—	1.70	6.80	7.60	0.55	1.70	2.10	2.44	7.54	9.32	4.00	A	3.75	A
	2.0	5.0	—	1.88	4.92	—	1.70	6.80	7.60	0.55	1.70	2.10	2.44	7.54	9.32	4.00	A	3.75	A
	2.5	2.5	—	3.40	3.40	—	1.70	6.80	7.60	0.55	1.68	2.20	2.44	7.45	9.76	4.05	A	3.80	A
	2.5	3.5	—	2.89	3.61	—	1.70	6.50	7.60	0.55	1.68	2.20	2.44	7.45	9.76	3.87	A	3.80	A
	2.5	4.2	—	2.72	4.08	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.80	A
	2.5	5.0	—	2.55	4.25	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.85	A
	3.5	3.5	—	3.40	3.40	—	1.70	6.80	7.60	0.55	1.66	2.20	2.44	7.36	9.76	4.10	A	3.85	A
3	2.0	2.0	2.0	2.27	2.27	2.27	1.70	6.80	7.60	0.55	1.64	2.20	2.44	7.28	9.76	4.15	A	3.90	A
	2.0	2.0	2.5	1.91	1.91	2.99	1.70	6.80	7.60	0.55	1.63	2.20	2.44	7.23	9.76	4.17	A	3.90	A
	2.0	2.0	3.5	1.72	1.72	3.36	1.70	6.80	7.60	0.55	1.63	2.20	2.44	7.23	9.76	4.17	A	3.90	A
	2.0	2.5	2.5	1.65	2.58	2.58	1.70	6.80	7.60	0.55	1.62	2.20	2.44	7.19	9.76	4.20	A	3.95	A
	2.0	2.5	3.5	1.50	2.35	2.94	1.70	6.80	7.60	0.55	1.62	2.20	2.44	7.19	9.76	4.20	A	3.95	A
	2.5	2.5	2.5	2.27	2.27	2.27	1.70	6.80	7.60	0.55	1.55	2.20	2.44	6.88	9.76	4.39	A	4.00	A+
2.5	2.5	3.5	2.09	2.09	2.62	1.70	6.80	7.60	0.55	1.55	2.20	2.44	6.88	9.76	4.39	A	4.00	A+	

4U85S2SR2FA

Table with columns: UI, Combinazioni (A, B, C, D), Potenza resa (kW) (A, B, C, D), Potenza resa sistema (kW) (min, nom, max), Potenza assorbita (kW) (min, nom, max), Corrente assorbita (A) (min, nom, max), EER, Classe energ., SEER, Classe energ. The table lists various combinations of units and their corresponding performance metrics.

5U105S2SS2FA

Table with columns: Combinazioni (A-E), Potenza resa (kW), Potenza resa sistema (kW), Potenza assorbita (kW), Corrente assorbita (A), COP, Classe energ., SCOP, Classe energ. The table lists various combinations for units 1, 2, and 3, with 20 rows per unit.

