

R SYSTEM

ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ AWS TWIN 40-50-60 HP SPECIFICATIONS AWS TWIN 40-50-60 HP



Modello Model		AWS40HP-F1J			AWS50HP-F1J			AWS60HP-F1J
Modello GEHP collegabile Connectable GEHP model		16+16 HP	16+20 HP	20+20 HP	16+25 HP	20+25 HP	25+25 HP	30+30 HP
Capacità nominale raffreddamento Rated cooling capacity	kW	85,0	95,5	106,0	106,0	116,5	127,0	149,0
Consumo nominale raffreddamento (GEHP) Rated cooling consumption	kW	60,0	73,0	86,0	86,0	99,0	112,0	141,4
Energy Efficiency Class		A++	A++	A++	A++	A++	A++	A++
GUE raffreddamento GUE cooling / EER cooling		1,42 / 3,91	1,31 / 3,61	1,23 / 3,39	1,24 / 3,42	1,17 / 3,22	1,13 / 3,11	1,05 / 2,89
PER raffreddamento PER cooling / EER cooling		2,07 / 5,71	2,07 / 5,71	1,78 / 4,91	2,07 / 5,71	1,78 / 4,91	1,68 / 4,64	1,68 / 4,64
Temperatura minima uscita acqua Minimum water temperature out	°C	7						
Capacità nominale riscaldamento Rated heating capacity	kW	100,0	112,5	125,0	127,0	139,5	154,0	175,0
Capacità massima riscaldamento (2°C) Maximum heating capacity (2°C)	kW	107,0	121,5	136,0	130,5	145,0	154,0	182,0
Consumo nominale riscaldamento (GEHP) Rated heating consumption (GEHP)	kW	68,0	76,5	85,0	88,2	96,7	108,4	123,0
Consumo massimo riscaldamento (GEHP) (2°C) Maximum heating consumption (GEHP) (2°C)	kW	74,6	90,5	106,4	95,8	111,7	117,0	151,4
GUE riscaldamento GUE heating / COP heating		1,47 / 4,05	1,47 / 4,05	1,47 / 4,05	1,44 / 3,97	1,44 / 3,97	1,42 / 3,91	1,42 / 3,91
PER riscaldamento PER heating / COP heating		1,70 / 4,69	1,70 / 4,69	1,61 / 4,44	1,70 / 4,69	1,61 / 4,44	1,54 / 4,25	1,48 / 4,08
Recupero calore motore max. Maximum engine heat recovery	kW	39,0	43,0	47,0	50,0	54,0	61,0	89,0
Temperatura massima uscita acqua Maximum water temperature out	°C	50						
SPER raffreddamento SPER cooling	kW	1,89	1,89	1,89	1,88	1,88	1,87	1,91
SPER riscaldamento SPER heating	kW	1,57	1,56	1,55	1,55	1,54	1,54	1,53
Portata acqua Water flow rate	mc/h	19			24			28
Modulazione potenza Capacity modulation rate	%	18 - 100	16 - 100	14 - 100	14 - 100	12 - 100	12 - 100	11 - 100
Alimentazione elettrica Power supply	V/Ph/Hz	230 / 1 / 50						
Consumo nominale Rated consumption	W	200						
Perdita di carico totale Total pressure drop	mca	3,3			4,6			4,8
Attacchi idraulici Water ports	mm	DN 65						
Diametro tubazioni circuito primario Primary circuit piping diameter	mm	DN 65						
Attacchi circuito frigorifero gas-liquido Refrigerant gas ports gas-liquid	Ø mm	2 x 28,6 - 18,0						2 x 35,0 - 18,0
Diametro tubazioni GEHP-AWS gas-liquido GHP-AWS piping diameter gas-liquid/Fuel gas piping	Ø mm	2 x 28,6 - 18,0			28,6 - 15,88 + 35,0 - 15,88	2 x 35,0 - 15,88		2 x 35,0 - 19,0
Dimensioni (AxLxD) Dimensions (HxWxD)	mm	915 x 710 x 1.020						
Peso Weight	kg	236						
GEHP collegabili Connectable GEHP		2						

GUE & PER measurements: Cooling conditions (+35°C , 100%) - Heating conditions (+7°C , 100%) - According to the standard EN:16905
GUE = Gas Utilization Efficiency - PER = Primary Energy Ratio