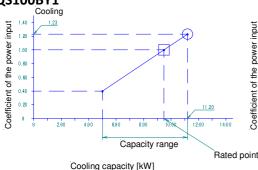
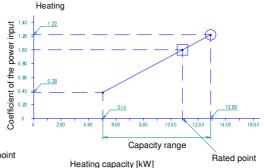
### AZQS100B8V1







Symbols

AFR: Air flow rate [m³/min] BF: Bypass factor

EWB: Entering wet-bulb temperature (°C WB) EDB: Entering dry-bulb temperature (°C DB)

TC: Maximum total cooling/heating capacity [kW] SHC: Sensible heat capacity [kW]

Power input [kW]

compressor + indoor and outdoor fan motors

CPI: Coefficient of the power input WB: Wet-bulb temperature [°C WB]

Dry-bulb temperature [°C DB]

## Caution

TC and SHC are shown by kW

### Cooling

Indoor		Outdoor temperature [°C DB]											
		25			30			35			40		
		TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI	TC	SHC	CPI
°C WB	°C DB	kW	kW	-	kW	kW	-	kW	kW	-	kW	kW	-
16.0	22	11.2	7.61	1.01	10.8	7.44	1.11	10.5	7.29	1.22	10.1	7.09	1.32
18.0	25	11.8	7.59	1.01	11.4	7.49	1.12	11.0	7.27	1.23	10.5	7.09	1.33
19.0	27	12.0	7.57	1.02	11.6	7.44	1.12	11.2	7.26	1.23	10.8	7.04	1.33
19.5	27	12.1	7.59	1.02	11.7	7.37	1.13	11.4	7.34	1.23	10.9	7.04	1.34
22.0	30	12.8	7.52	1.02	12.4	7.36	1.13	11.9	7.16	1.24	11.5	7.03	1.35
24.0	32	13.3	7.42	1.03	12.9	7.27	1.14	12.4	7.06	1.25	12.0	6.91	1.36

# Heating

ricating													
Indoor	Outdoor temperature [°C WB]												
	-15		-10		-5		0		6		10		
	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	TC	CPI	
°C DB	kW	-	kW	-	kW	-	kW	-	kW	-	kW	-	
16	8.58	0.93	9.45	0.99	10.1	1.02	10.4	1.05	12.8	1.12	13.8	1.18	
18	8.57	0.97	9.44	1.02	10.0	1.07	10.3	1.10	12.8	1.17	13.8	1.23	
20	8.56	1.01	9.43	1.07	10.0	1.11	10.3	1.14	12.8	1.22	13.8	1.28	
21	8.56	1.03	9.42	1.09	10.0	1.13	10.3	1.16	12.8	1.24	13.8	1.30	
22	8.55	1.04	9.42	1.10	10.0	1.14	10.3	1.18	12.8	1.26	13.8	1.33	
24	8.54	1.09	9.41	1.15	10.0	1.19	10.3	1.23	12.8	1.31	13.8	1.38	

#### Notes

- 1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- 2. On the figure the · O · mark shows the maximum at standard conditions. On the figure the · • mark shows the rated capacity and rated coefficient of the power input. However the maximum capacity is not guaranteed except at standard conditions.
- 3. SHC is based on indoor EWB and EDB.

SHC for other dry bulb temperature = SHC + SHC\*.

SHC\* = SHC correction for other dry bulb. = 0.02 x AFR (m³/min) x (1-BF) x (DB\*- EDB).

4. The capacities are based on the following conditions:

Outdoor air: .85% RH.

However, the condition rated capacity in heating is ·7· °C DB / ·6· °C WB.

Corresponding refrigerant piping length: .5.0 m

Level difference: .0.m

- 5. The coefficient of the power input is the percentage when the rated value is defined as 1,00.
- 6. The value contains less than 5% error according to indoor unit type.
- 7. The heating performance includes the drop due to frost formation.

8. The air flow rate and bypass factor are mentioned in the table.

## Pair

	ADEA100A
AFR	29.0
(BF)	(0.030)

9. The rated power input for each model is mentioned in the table below.

### Pair

	ADEA100A
Cooling	2.96
Heating	2.99