

# Chilled Water Cassettes General Data

MODELS		K9 OG		K12 OG		K18 OG		K30 OG		K45 OG	
		2 pipes	4 pipes	2 pipes	4 pipes	2 pipes	4 pipes	2 pipes	4 pipes	2 pipes	4 pipes
Nominal cooling capacity (1)	W	2200	2200	3500	3430	5000	4900	7025	-	10190	-
Nominal supply voltage 230v/50Hz	BTU/HR	7500	7500	12000	11700	17050	16700	24000	-	34750	-
Nominal heating capacity 2 pipes (2)	W	3300	-	4600	-	5900	-	11200	-	12500	-
Nominal heating capacity 4 pipes (3)		-	2200	-	3200	-	4900	-	-	-	-
Nominal supply voltage 230v/50Hz	BTU/HR	11250	7500	15700	11000	20100	16700	38200	-	42600	-
Air flow(average values) - Treated air											
High speed	m <sup>3</sup> /h	700	700	700	700	760	760	1550	-	1630	-
Medium speed	m <sup>3</sup> /h	460	460	460	460	515	515	1350	-	1250	-
Low speed	m <sup>3</sup> /h	420	420	420	420	460	460	1100	-	1000	-
Super low speed	m <sup>3</sup> /h	-	-	-	-	320	320	-	-	-	-
Nominal water flow (average values)	m <sup>3</sup> /h	0.378	0.378	0.602	0.590	0.860	0.843	1.208	-	1.753	-
Pressure loss on water (4)	kPa	12	12	17.5	17	15	17.5	17	-	23.5	-
Nominal power supply	V	~230V • 50 Hz						1 ~230V • 50 Hz			
Voltage range		207 / 253						3N ~400V • 50 Hz			
Power input ventilation (V)	W	60		80		110		200	-	215	-
SOUND LEVEL											
High speed	dBa	50		50		57		-		-	
Medium speed	dBa	37		37		48		-		-	
Low speed	dBa	34		34		42		-		-	
Super low speed	dBa	-		-		39		-		-	
Dimensions											
Air treatment unit ST.(W x D x H)	mm	571 x 571 x 287						1171 x 571 x 287		1171 x 571 x 287	
Grille (W x D x H)		625 x 625 x 40						1225 x 625 x 40		1225 x 625 x 40	
Net weight	kg	26		26		30		49	-	55	-
PACKING											
Gross weight	kg	26	27	28		29		51	-	58	-
Packed volume	m <sup>3</sup>	0.15	0.15	0.15		0.15		0.31	-	0.31	-
Accessories / Options											
▪ ELECTRIC HEATING		▪	▪	▪	▪	▪	▪	▪	-	▪	-
▪ Motorized 3-way valve with by-pass		▪	▪	▪	▪	▪	▪	▪	-	▪	-
▪ 3 speed switch ventilation		▪	▪	▪	▪	▪	▪	▪	-	▪	-
▪ Thermostat and reversing switch:											
- Manual		▪	▪	▪	▪	▪	▪	▪	-	▪	-
- Automatic		▪	▪	▪	▪	▪	▪	▪	-	▪	-

**Note:** 1. Nominal conditions:  
 - Air: 27°C/19°C wetbulb (nominal HS airflow)  
 - Chilled Water: 7°C/12°C

2. Nominal conditions:  
 - Air: 20°C (nominal HS airflow)  
 - Hot Water: Te water 50°C  
 (Nominal waterflow in hot water mode)

3. Nominal conditions:  
 - Air: 20°(nominal HS airflow)  
 - Hot Water: Te water 70°C Ts water 60°C

4. Pressure loss by corresponding nominal flow

These characteristic are for information only and are subject to change without advance notice