

HCA1 HCA1/4

DC brushless hydronic cassette

2,0kW÷6,1kW



VERSIONS

HCA1 Cassette for 2-pipe systems with electronic control and wireless controller

HCA1/4 Cassette for 4-pipe systems with electronic control and wireless controller

Building Features

The MAXA hydronic cassette with DC brushless motor is designed to meet the market requirements of efficiency, quiet operation and good looks. The microprocessor assures accurate environmental control. The reduced dimensions ensure the installation requirements in the false ceiling thanks to small dimensions 57 x 57 cm or 84 x 84 cm for the powerful models.

Unit Composition

- ▶ Finned batteries for heat exchange with high efficiency and low pressure drop.
- ▶ Internal insulation with closed cells expanded enough to limit heat dispersion and noise emissions to a minimum.
- ▶ Automatic fins adjustment.
- ▶ Build-in Drain water pump for lifting the condensing up to a maximum of 200mm.

KIT VALVOLE

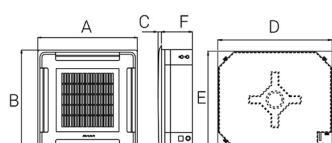
3V2C 2 pipes 3 way valve kit (HCA 22-29-35-42)
3V2CG 2 pipes 3 way valve kit (Necessary for HCA 60)
3V4C 4 pipes 3 way valve kit (HCA 22-35-50)
3V4CG 4 pipes 3 way valve kit (Necessary for HCA 60)

KIT VALVES FOR SYSTEMS WITH MODULATING PUMP

2V2C 2 pipes 2 way valve kit (HCA 22-29-35-42)
2V2CG 2 pipes 2 way valve kit (HCA 60)
2V4C 4 pipes 2 way valve kit (HCA 35-50)
2V4CG 4 pipes 2 way valve kit (HCA 60)

KIT FOR 3-WAY / 2-WAY VALVE

The kit, necessary for size 60, is composed by:
a) n° 2 nipples / n° 1 nipples
b) n° 4 o-ring / n° 2 o-ring
c) n° 2 copper joints / n° 1 copper joints
d) n° 1 3 way valve - 4 connections / n° 1 2 way valve - 2 connections
e) n° 1 ON / OFF actuators / n° 1 ON / OFF actuators

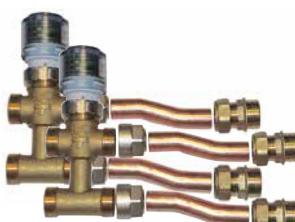


Dimensions		HCA122	HCA129	HCA135 HCA1/4 35	HCA142 HCA1/4 50	HCA160 HCA1/4 60
A	mm	647	647	647	647	950
B	mm	647	647	647	647	950
C	mm	50	50	50	50	45
D	mm	575	575	575	575	840
E	mm	575	575	575	575	840
F	mm	261	261	261	261	300
Weight	kg	19	19	19	19	33,5



2V4C/2V4CG

3V4C



HCA1		22	29	35	42	60	
Cooling capacity	W	2.000	2.980	3.960	4.200	6.120	W
Cooling capacity	frig/h	1.721	2.564	3.408	3.614	5.266	frig/h
Cooling capacity	BTU/h	6.826	10.171	13.515	14.335	20.888	BTU/h
Heating capacity	W	2.240	2.610	4.630	4.950	6.270	W
Heating capacity	kcal/h	1.928	2.246	3.984	4.259	5.395	kcal/h
Heating capacity	BTU/h	7.645	8.908	15.802	16.894	21.400	BTU/h
Sound pressure (3)							
MAX-MED-Min	dB(A)	39/33/27	39/33/27	42/36/30	43/38/32	44/40/34	dB(A)

HCA1/4		35	50	60	
Cooling capacity	W	3.080	3.050	5.620	W
Cooling capacity	frig/h	2.650	2.625	4.836	frig/h
Cooling capacity	BTU/h	10.512	10.410	19.181	BTU/h
Heating capacity	W	5.520	5.970	7.660	W
Heating capacity	kcal/h	4.750	5.137	6.591	kcal/h
Heating capacity	BTU/h	18.840	20.376	26.144	BTU/h
Sound pressure (3)					
MAX-MED-Min	dB(A)	42/35/30	44/39/31	44/39/33	dB(A)

(1) Entering air temperature: 27°C d.b./19,5°C w.b. maximum speed In/Out water temperature: 7°C / 12°C maximum speed

(2) Entering air temperature: 20°C d.b. maximum speed In water temperature: 50°C maximum speed

(3) At a distance of 1m and with reverberation time of 0.5 s. maximum speed

Accessories for MI and HCA1 Range

Code		
WRC11		Multi functions accessory compact wired controller with Follow me function, Address setting, Built in receiver.
WGC6		Controller available for single or unified control of indoor units (max. 64) with following functions: on/off, mode, temperature, fan speed, daily schedule, mode lock, remote lock (only wireless and wired controller), query status of indoor unit, error/alarm led displays