



# SIERRA

HYDRONIC HI-WALL

HI-WALL - 42WH



TO MAKE YOUR GUESTS  
FEEL AT HOME

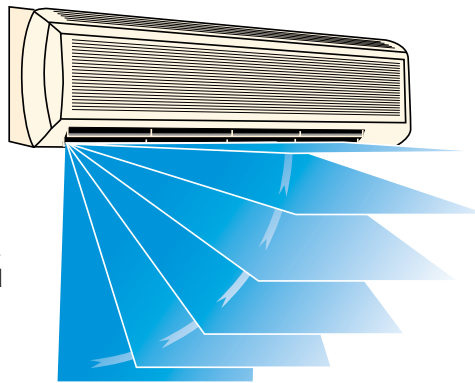
## WHEN THEY FEEL COMFORTABLE, THEY'LL WANT TO COME BACK

This stylish Hydronic Hi-Wall family is completing the Carrier range of water-cooled indoor units which have proved so popular across Europe. The 42WH comes in a choice of standard or fully featured back panel, depending on your application needs, and can be used in conjunction with every other indoor terminal.

## "BUILT-IN" FOR DISCRETION

The Hydronic Hi-Wall is designed to fit neatly on any appropriate wall, above the visitor's normal eye-line. The standard version has extensions to cover pipes.

The tangential fan brings new air to the ambient air very quietly and unobtrusively. This means optimal comfort can be achieved quickly and easily. In the fully featured version 3-way valves are offered as a standard.



QUALITY AIR FLOW. CONTEMPORARY AESTHETICS.

## AUTOMATIC TEMPERATURE CONTROL

The 42WH is the only model in its class to offer Cold Draft Prevention as a standard feature. By automatically controlling the fan in response to changes in the water temperature, the Hydronic Hi-Wall helps create an



ideal environment, anywhere from small bedrooms to large reception areas, from shops to skyscrapers. Besides in the

case of power failure, the unit will restart automatically without any change to user settings.

## EASY TO INSTALL, EASY TO MAINTAIN

In a market-place where time is money, it's worth remembering that the 42WH is extremely simple both to install and to maintain. For routine



servicing it is easily accessible from one or both sides and if needed, one person can replace it in under 10 minutes!

## A SYSTEM EXACTLY MATCHING YOUR REQUIREMENTS

The 42WH can be matched to any water chiller from 4 to 1000 kW. Ideal for hotels, it is also suitable for a wide range of other commercial and domestic applications.



### 42WH

### 42WHC016 42WHE016 42WHC020 42WHE020 42WHC028 42WHE028

Total cooling capacity	kW	1,43	1,43	1,65	1,65	2,1	2,1
Sensible cooling capacity	kW	1,08	1,08	1,35	1,35	1,81	1,81
Water flow (cooling)	l/s	0,068	0,068	0,079	0,079	0,100	0,100
Water pressure drop (cooling)	kPa	14/22*	14/22*	19/30*	19/30*	34/50*	34/50*
Heating capacity	kW	1,76	1,76	2,30	2,30	3,20	3,20
Electric heaters	W	-	500	-	1000	-	1000
Air flow L/M/H	l/s	47/59/69	47/59/69	72/81/86	72/81/86	111/123/131	111/123/131
Power input	W	20	20	27	27	28	28
Sound pressure level L/M/H	dB(A)	21/26/31	21/26/31	29/33/35	29/33/35	35/38/40	35/38/40
Sound power level L/M/H	dB(A)	30/35/40	30/35/40	38/42/44	38/42/44	44/47/49	44/47/49
Net dimensions H/L/D	mm	290x800x145	290x800x145	290x800x145	290x800x145	337x800x170	337x800x170
Weight	kg	14,5	15	14,5	15	15	15
Backpanel (**)- Dimensions H/L/D	mm	282x790x45	282x790x45	282x790x45	282x790x45	320x790x47	320x790x47
Weight	kg	5	5	5	5	5,5	5,5
Power Supply	V-Ph-Hz	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

The above data refer to Eurovent Conditions. Cooling conditions: 27°C Dry bulb/19°C Wet bulb air temperature, 7°C/12°C entering and leaving water temperature at high fan speed. Heating conditions: 20°C air temperature, entering water temperature: 50°C, same water flow rate as in cooling condition test at high fan speed.

Sound pressure is measured in a 100 m<sup>2</sup> room with 0,5 sec reverberation time. Back panel data refers to the fully featured version.\* Value with valves installed.

\*\*The back panel without valves that is common for all sizes has the following dimensions in mm: 320/900/47.



Quality Management System  
Carrier Spa - Villasanta (Italy)



Order No.: 18136-20 - 05/2005  
Supersedes order No.: 18136-20 02/2002  
Manufacturer reserves the right to change any product specifications without notice.



A member of the United Technologies Corporation family