

High-Wall



Datasheets



SWC-ECM 04-2R											Pag. 1				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
370	40	31,6	1,24	0,92	0,37	7	12	213	10,1	1,6	50	43,3	213	9	

SWC-ECM 06-2R											Pag. 4				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
500	48	39,6	2,07	1,52	0,65	7	12	355	12	2,64	50	43,4	355	9	

SWC-ECM 12-2R											Pag. 7				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
500	49	40,6	2,4	1,81	0,75	7	12	412	10	3,14	50	43,2	412	11	

SWC-ECM 15-2R											Pag. 10				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
645	54	45,6	3,03	2,22	1	7	12	520	14,1	3,85	50	43,4	520	12	

SWC-ECM 18-2R											Pag. 13				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
788	58	49,6	3,74	2,74	1,07	7	12	642	19,4	4,77	50	43,4	642	16	

SWC-ECM 20-2R											Pag. 16				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
980	52	43,6	4,81	3,46	1,86	7	12	825	19,8	5,97	50	43,6	825	16	

SWC-ECM 24-2R											Pag. 19				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
1080	56	47,6	5,37	3,88	2,01	7	12	921	27,2	6,7	50	43,5	921	25	

SWC-ECM 30-2R											Pag. 22				
Qa	Lw	Lp	Cooling							Heating					
			Total	Sens.	Cond. W.	Tin	Tout	Qw	dpw	Total	Tin	Tout	Qw	dpw	
[m³/h]	[db(A)]		[kW]	[Kg/h]		[°C]		[l/h]	[kPa]	[kW]	[°C]		[l/h]	[kPa]	
1240	59	50,6	5,98	4,34	2,2	7	12	1026	27,2	7,5	50	43,5	1026	25	



SWC-ECM 04

General Description

This High-Wall Unit is designed to meet and exceed demanding requirements for efficiency, quiet operation and good looks. The sleek profile and elegantly styled cabinet complements any interior design theme, and the microprocessor assures accurate environmental control.

Cabinet

the cosmetically attractive cabinet is constructed of durable flame resistant acrylonitrile-butadiene-styrene (ABS) plastic. The silver white color and rounded corners provide its contemporary appearance.

Water Coil

the water coil has a large heat transfer surface and utilizes the latest technology in fin profile. It combines an advanced technology approach with the security of a traditional tube thickness design. The water coil is also equipped with an air vent valve and a water purge valve.

Integral Hoses

an integral hose is a synthetic elastomer tube, with stainless steel outer braiding and brass connectors, which enables quick, low cost connections with no brazing.

Blower and Motor

the High-wall unit incorporates only specially designed and tested high power-factor, permanent split capacitor type blower motors, allowing the tangential blower wheel to provide optimum performance in airflow-efficiency and quiet operation.


Filters

washable, easy-to-remove, fine mesh air filters are standard to all High-wall models. Tabs located on the front of the unit can be unsnapped, allowing the filter to be easily slid downward and removed. No tools are required, nor are dismantling of any equipment

Air Grille Distribution

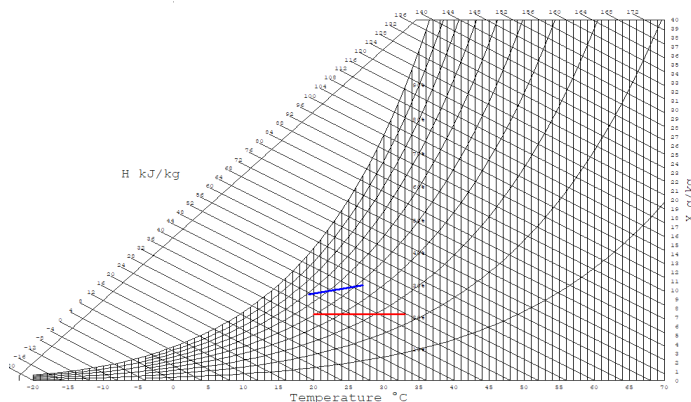
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 04

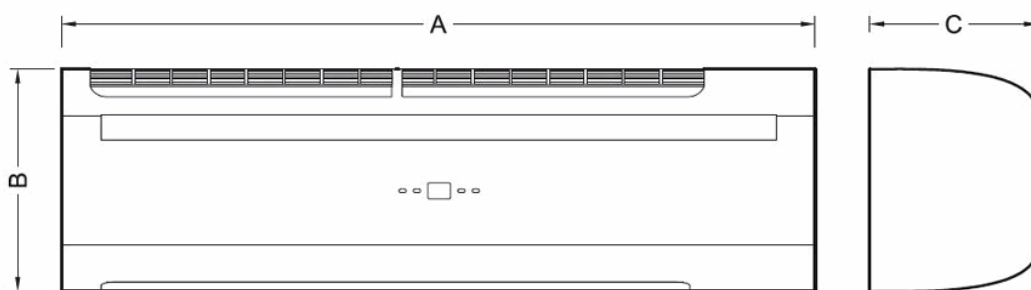
Cooling				Heating			
Capacity	Total Capacity	[kW]	1,24	Total Capacity	[kW]	1,60	
	Sensible Capacity	[kW]	0,92				
	Condensed Water	[kg/h]	0,37				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 19,3	Outlet	DBT	[°C] 33,0	
		WBT	[°C] 15,6				
		RH	[%] 68				
	Flow rate		[m³/h] 370	Flow rate		[m³/h] 370	
Fluid	Flow rate		[l/h] 213	Flow rate		[l/h] 213	
	Pressure drop		[kPa] 10,1	Pressure drop		[kPa] 9,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,3	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 875				
	Height		[mm] 300				
	Depth		[mm] 220				
	Weight		[kg] 11				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 10,0				
	Max. absorbed current		[A] 0,08				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 40,0				
	Sound pressure level		[dB(A)] 31,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 04

Psicrometric diagram



Drawing



**Note: the sizes 04, 06 and 30 and the EHHW electric heaters are available only on request, with longer delivery time, to be agreed.
In case of remote control customer's care or I-BASIC1, I-BASIC3 or I-DIGIT2, it is necessary to add MPCB-SWC accessory**

Nota: le taglie 04,06 e 30 e le resistenze elettriche EHHW sono disponibili solo su richiesta, con tempi da definire.

Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
875	300	220	11



SWC-ECM 06

General Description

This High-Wall Unit is designed to meet and exceed demanding requirements for efficiency, quiet operation and good looks. The sleek profile and elegantly styled cabinet complements any interior design theme, and the microprocessor assures accurate environmental control.

Cabinet

the cosmetically attractive cabinet is constructed of durable flame resistant acrylonitrile-butadiene-styrene (ABS) plastic. The silver white color and rounded corners provide its contemporary appearance.

Water Coil

the water coil has a large heat transfer surface and utilizes the latest technology in fin profile. It combines an advanced technology approach with the security of a traditional tube thickness design. The water coil is also equipped with an air vent valve and a water purge valve.

Integral Hoses

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Blower and Motor

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Filters

washable, easy-to-remove, fine mesh air filters are standard to all High-wall models. Tabs located on the front of the unit can be unsnapped, allowing the filter to be easily slid downward and removed. No tools are required, nor are dismantling of any equipment

Air Grille Distribution

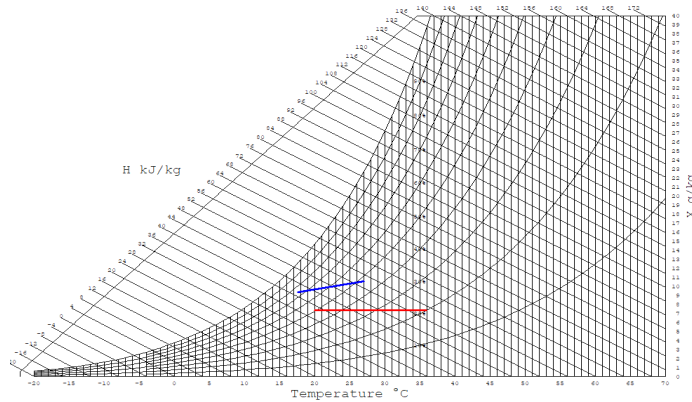
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 06

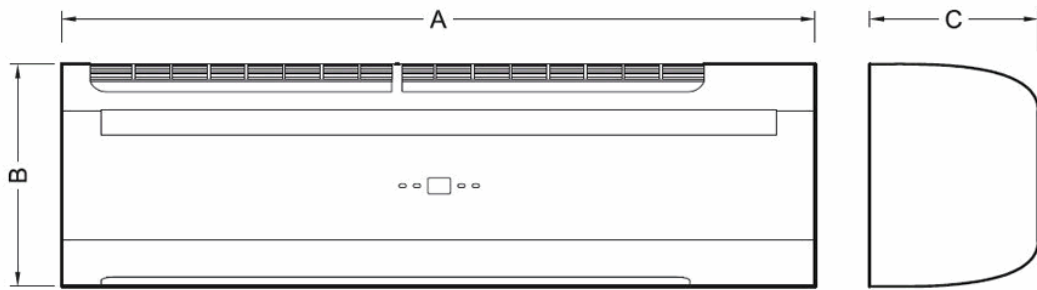
Cooling				Heating				
Capacity	Total Capacity	[kW]	2,07	Total Capacity	[kW]	2,64		
	Sensible Capacity	[kW]	1,52					
	Condensed Water	[kg/h]	0,65					
	Rows	[n°]	2	Rows	[n°]	2		
	Speed		MAX	Speed		MAX		
Air	Inlet	DBT	[°C]	27,0	Inlet	DBT	[°C]	20,0
		WBT	[°C]	19,0				
		RH	[%]	47				
	Outlet	DBT	[°C]	17,6	Outlet	DBT	[°C]	35,9
		WBT	[°C]	14,7				
		RH	[%]	74				
	Flow rate		[m³/h]	500	Flow rate		[m³/h]	500
Fluid	Flow rate		[l/h]	355	Flow rate		[l/h]	355
	Pressure drop		[kPa]	12,0	Pressure drop		[kPa]	9,0
	Temperature	Inlet	[°C]	7,0	Temperature	Inlet	[°C]	50,0
		Outlet	[°C]	12,0		Outlet	[°C]	43,4
	Fluid			Water	Fluid			Water
Other Data	Length		[mm]	875				
	Height		[mm]	300				
	Depth		[mm]	220				
	Weight		[kg]	12				
	Power supply	[V-ph-Hz]		230-1-50				
	Max. absorbed power		[W]	13,0				
	Max. absorbed current		[A]	0,14				
	Static Pressure		[Pa]	0				
	Sound power level		[dB(A)]	48,0				
	Sound pressure level		[dB(A)]	39,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>								

SWC-ECM 06

Psicrometric diagram



Drawing



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Nota: le taglie 04,06 e 30 e le resistenze elettriche EHHW sono disponibili solo su richiesta, con tempi da definire.

Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
875	300	220	12



SWC-ECM 12

General Description

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Cabinet

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Water Coil

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Air Grille Distribution

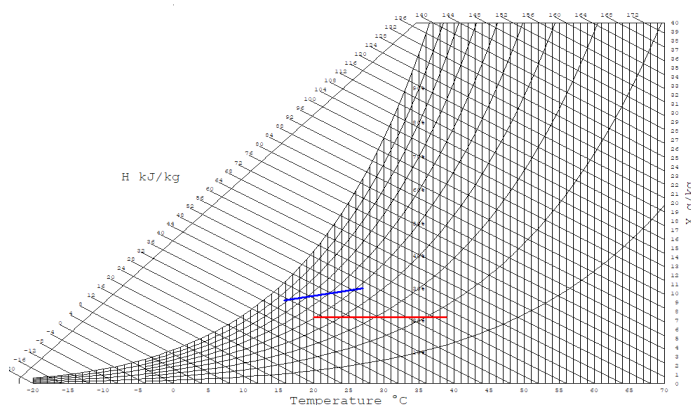
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 12

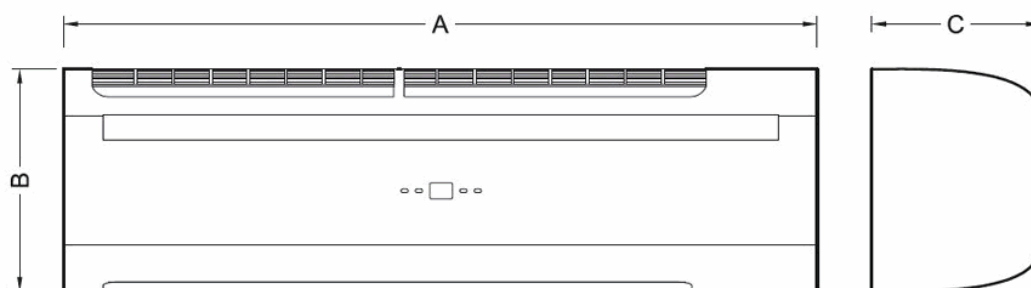
Cooling				Heating			
Capacity	Total Capacity	[kW]	2,40	Total Capacity	[kW]	3,14	
	Sensible Capacity	[kW]	1,81				
	Condensed Water	[kg/h]	0,75				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 15,8	Outlet	DBT	[°C] 38,9	
		WBT	[°C] 14,0				
		RH	[%] 82				
	Flow rate		[m³/h] 500	Flow rate		[m³/h] 500	
Fluid	Flow rate		[l/h] 412	Flow rate		[l/h] 412	
	Pressure drop		[kPa] 10,0	Pressure drop		[kPa] 11,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,2	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 875				
	Height		[mm] 300				
	Depth		[mm] 220				
	Weight		[kg] 13				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 13,0				
	Max. absorbed current		[A] 0,14				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 49,0				
	Sound pressure level		[dB(A)] 40,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 12

Psicrometric diagram



Drawing



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A [mm]	B [mm]	C [mm]	Weight [Kg]
875	300	220	13



SWC-ECM 15

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Cabinet

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Air Grille Distribution

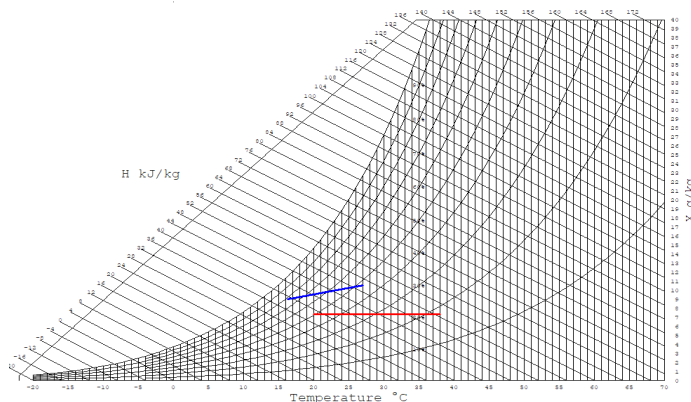
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SWC-ECM 15

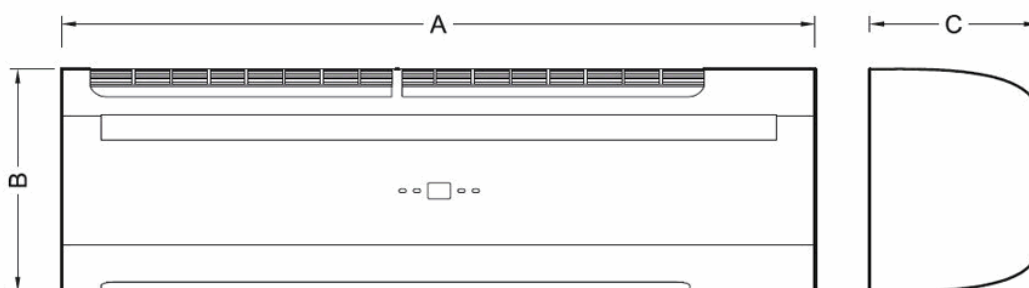
Cooling				Heating			
Capacity	Total Capacity	[kW]	3,03	Total Capacity	[kW]	3,85	
	Sensible Capacity	[kW]	2,22				
	Condensed Water	[kg/h]	1,00				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 16,3	Outlet	DBT	[°C] 38,0	
		WBT	[°C] 13,9				
		RH	[%] 77				
	Flow rate		[m³/h] 645	Flow rate		[m³/h] 645	
Fluid	Flow rate		[l/h] 520	Flow rate		[l/h] 520	
	Pressure drop		[kPa] 14,1	Pressure drop		[kPa] 12,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,4	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 875				
	Height		[mm] 300				
	Depth		[mm] 220				
	Weight		[kg] 13				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 26,0				
	Max. absorbed current		[A] 0,18				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 54,0				
	Sound pressure level		[dB(A)] 45,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 15

Psicrometric diagram



Drawing



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A [mm]	B [mm]	C [mm]	Weight [Kg]
875	300	220	13



SWC-ECM 18

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Air Grille Distribution

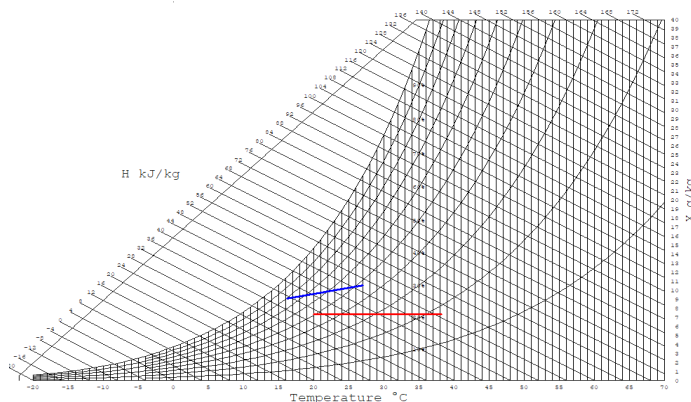
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SWC-ECM 18

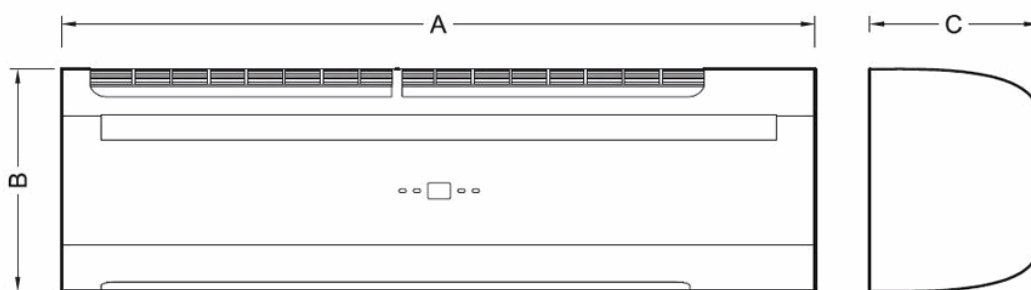
Cooling				Heating			
Capacity	Total Capacity	[kW]	3,74	Total Capacity	[kW]	4,77	
	Sensible Capacity	[kW]	2,74				
	Condensed Water	[kg/h]	1,07				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 16,2	Outlet	DBT	[°C] 38,2	
		WBT	[°C] 13,9				
		RH	[%] 78				
	Flow rate		[m³/h] 788	Flow rate		[m³/h] 788	
Fluid	Flow rate		[l/h] 642	Flow rate		[l/h] 642	
	Pressure drop		[kPa] 19,4	Pressure drop		[kPa] 16,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,4	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 875				
	Height		[mm] 300				
	Depth		[mm] 220				
	Weight		[kg] 14				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 30,0				
	Max. absorbed current		[A] 0,27				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 58,0				
	Sound pressure level		[dB(A)] 49,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 18

Psicrometric diagram



Drawing



**Note: the sizes 04, 06 and 30 and the EHHW electric heaters are available only on request, with longer delivery time, to be agreed.
In case of remote control customer's care or I-BASIC1, I-BASIC3 or I-DIGIT2, it is necessary to add MPCB-SWC accessory**

Nota: le taglie 04,06 e 30 e le resistenze elettriche EHHW sono disponibili solo su richiesta, con tempi da definire.

Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
875	300	220	14



SWC-ECM 20

General Description

This High-Wall Unit is designed to meet and exceed demanding requirements for efficiency, quiet operation and good looks. The sleek profile and elegantly styled cabinet complements any interior design theme, and the microprocessor assures accurate environmental control.

Cabinet

the cosmetically attractive cabinet is constructed of durable flame resistant acrylonitrile-butadiene-styrene (ABS) plastic. The silver white color and rounded corners provide its contemporary appearance.

Water Coil

the water coil has a large heat transfer surface and utilizes the latest technology in fin profile. It combines an advanced technology approach with the security of a traditional tube thickness design. The water coil is also equipped with an air vent valve and a water purge valve.

Integral Hoses

an integral hose is a synthetic elastomer tube, with stainless steel outer braiding and brass connectors, which enables quick, low cost connections with no brazing.

Blower and Motor

the High-wall unit incorporates only specially designed and tested high power-factor, permanent split capacitor type blower motors, allowing the tangential blower wheel to provide optimum performance in airflow-efficiency and quiet operation.


Filters

washable, easy-to-remove, fine mesh air filters are standard to all High-wall models. Tabs located on the front of the unit can be unsnapped, allowing the filter to be easily slid downward and removed. No tools are required, nor are dismantling of any equipment

Air Grille Distribution

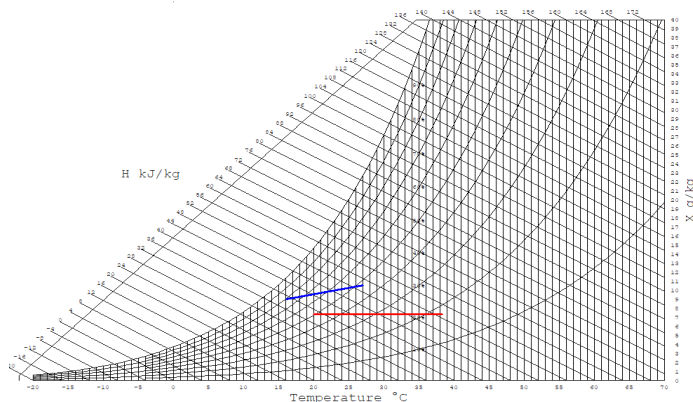
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 20

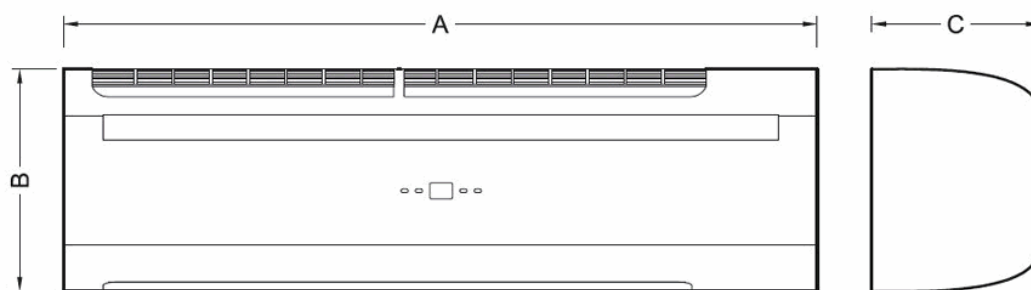
Cooling				Heating			
Capacity	Total Capacity	[kW]	4,81	Total Capacity	[kW]	5,97	
	Sensible Capacity	[kW]	3,46				
	Condensed Water	[kg/h]	1,86				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 16,1	Outlet	DBT	[°C] 38,3	
		WBT	[°C] 13,8				
		RH	[%] 78				
	Flow rate		[m³/h] 980	Flow rate		[m³/h] 980	
Fluid	Flow rate		[l/h] 825	Flow rate		[l/h] 825	
	Pressure drop		[kPa] 19,8	Pressure drop		[kPa] 16,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,6	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 1050				
	Height		[mm] 310				
	Depth		[mm] 235				
	Weight		[kg] 13				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 30,0				
	Max. absorbed current		[A] 0,34				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 52,0				
	Sound pressure level		[dB(A)] 43,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 20

Psicrometric diagram



Drawing



**Note: the sizes 04, 06 and 30 and the EHHW electric heaters are available only on request, with longer delivery time, to be agreed.
In case of remote control customer's care or I-BASIC1, I-BASIC3 or I-DIGIT2, it is necessary to add MPCB-SWC accessory**

Nota: le taglie 04,06 e 30 e le resistenze elettriche EHHW sono disponibili solo su richiesta, con tempi da definire.

Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
1050	310	235	13



SWC-ECM 24

General Description

This High-Wall Unit is designed to meet and exceed demanding requirements for efficiency, quiet operation and good looks. The sleek profile and elegantly styled cabinet complements any interior design theme, and the microprocessor assures accurate environmental control.

Cabinet

the cosmetically attractive cabinet is constructed of durable flame resistant acrylonitrile-butadiene-styrene (ABS) plastic. The silver white color and rounded corners provide its contemporary appearance.

Water Coil

the water coil has a large heat transfer surface and utilizes the latest technology in fin profile. It combines an advanced technology approach with the security of a traditional tube thickness design. The water coil is also equipped with an air vent valve and a water purge valve.

Integral Hoses

an integral hose is a synthetic elastomer tube, with stainless steel outer braiding and brass connectors, which enables quick, low cost connections with no brazing.

Blower and Motor

the High-wall unit incorporates only specially designed and tested high power-factor, permanent split capacitor type blower motors, allowing the tangential blower wheel to provide optimum performance in airflow-efficiency and quiet operation.


Filters

washable, easy-to-remove, fine mesh air filters are standard to all High-wall models. Tabs located on the front of the unit can be unsnapped, allowing the filter to be easily slid downward and removed. No tools are required, nor are dismantling of any equipment

Air Grille Distribution

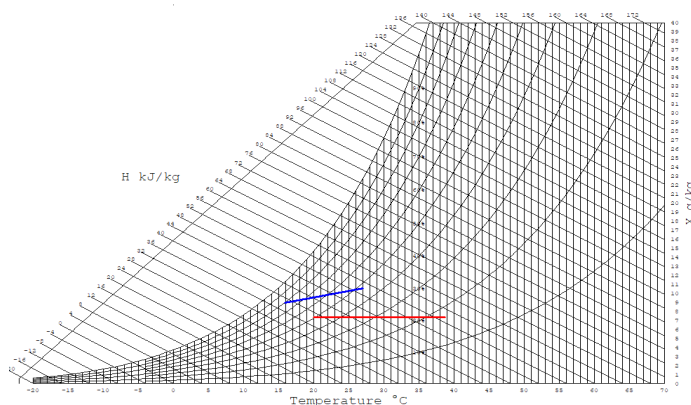
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 24

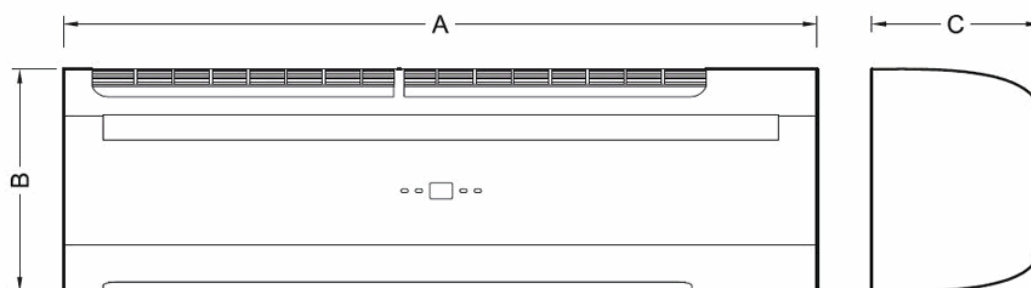
Cooling				Heating			
Capacity	Total Capacity	[kW]	5,37	Total Capacity	[kW]	6,70	
	Sensible Capacity	[kW]	3,88				
	Condensed Water	[kg/h]	2,01				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 15,9	Outlet	DBT	[°C] 38,7	
		WBT	[°C] 13,7				
		RH	[%] 79				
	Flow rate		[m³/h] 1080	Flow rate		[m³/h] 1080	
Fluid	Flow rate		[l/h] 921	Flow rate		[l/h] 921	
	Pressure drop		[kPa] 27,2	Pressure drop		[kPa] 25,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,5	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 1050				
	Height		[mm] 310				
	Depth		[mm] 235				
	Weight		[kg] 13				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 40,0				
	Max. absorbed current		[A] 0,52				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 56,0				
	Sound pressure level		[dB(A)] 47,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 24

Psicrometric diagram



Drawing



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In case of remote control customer's care or I-BASIC1, I-BASIC3 or I-DIGIT2, it is necessary to add MPCB-SWC accessory**

Nota: le taglie 04,06 e 30 e le resistenze elettriche EHHW sono disponibili solo su richiesta, con tempi da definire.

Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
1050	310	235	13



SWC-ECM 30

General Description

This High-Wall Unit is designed to meet and exceed demanding requirements for efficiency, quiet operation and good looks. The sleek profile and elegantly styled cabinet complements any interior design theme, and the microprocessor assures accurate environmental control.

Cabinet

the cosmetically attractive cabinet is constructed of durable flame resistant acrylonitrile-butadiene-styrene (ABS) plastic. The silver white color and rounded corners provide its contemporary appearance.

Water Coil

the water coil has a large heat transfer surface and utilizes the latest technology in fin profile. It combines an advanced technology approach with the security of a traditional tube thickness design. The water coil is also equipped with an air vent valve and a water purge valve.

Integral Hoses

an integral hose is a synthetic elastomer tube, with stainless steel outer braiding and brass connectors, which enables quick, low cost connections with no brazing.

Blower and Motor

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Filters

washable, easy-to-remove, fine mesh air filters are standard to all High-wall models. Tabs located on the front of the unit can be unsnapped, allowing the filter to be easily slid downward and removed. No tools are required, nor are dismantling of any equipment

Air Grille Distribution

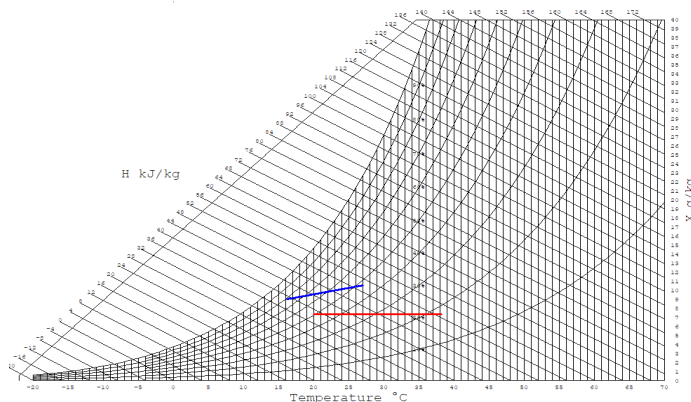
all High-wall units are equipped with both deflector blades and independent directional vanes, enabling supply air to be automatically distributed, and air flow and direction customized.

SWC-ECM 30

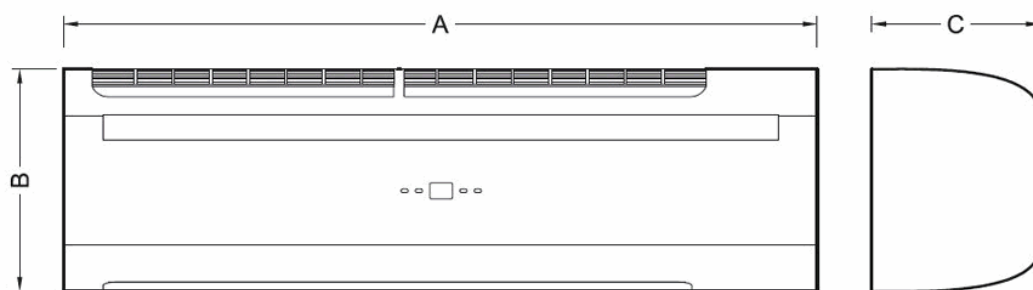
Cooling				Heating			
Capacity	Total Capacity	[kW]	5,98	Total Capacity	[kW]	7,50	
	Sensible Capacity	[kW]	4,34				
	Condensed Water	[kg/h]	2,20				
	Rows	[n°]	2	Rows	[n°]	2	
	Speed		MAX	Speed		MAX	
Air	Inlet	DBT	[°C] 27,0	Inlet	DBT	[°C] 20,0	
		WBT	[°C] 19,0				
		RH	[%] 47				
	Outlet	DBT	[°C] 16,2	Outlet	DBT	[°C] 38,2	
		WBT	[°C] 13,9				
		RH	[%] 78				
	Flow rate		[m³/h] 1240	Flow rate		[m³/h] 1240	
Fluid	Flow rate		[l/h] 1026	Flow rate		[l/h] 1026	
	Pressure drop		[kPa] 27,2	Pressure drop		[kPa] 25,0	
	Temperature	Inlet	[°C] 7,0	Temperature	Inlet	[°C] 50,0	
		Outlet	[°C] 12,0		Outlet	[°C] 43,5	
	Fluid		Water	Fluid		Water	
Other Data	Length		[mm] 1050				
	Height		[mm] 310				
	Depth		[mm] 235				
	Weight		[kg] 16				
	Power supply	[V-ph-Hz]	230-1-50				
	Max. absorbed power		[W] 50,0				
	Max. absorbed current		[A] 0,60				
	Static Pressure		[Pa] 0				
	Sound power level		[dB(A)] 59,0				
	Sound pressure level		[dB(A)] 50,6				
<p>*Sound pressure calculated at the distance of 1,50 [m] from microphone - Room length 5,00 [m], Room Height 2,70 [m], Room Width 7,40 [m], Corrective factor 0,30 , Reverberating Time 0,30 [s].</p>							

SWC-ECM 30

Psicrometric diagram



Drawing



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Nel caso di controllo a parete a cura dell'installatore o in caso di I-BASIC1, I-BASIC-3 o I-DIGIT2, è necessario aggiungere l'accessorio MPCB-SWC.

A [mm]	B [mm]	C [mm]	Weight [Kg]
1050	310	235	16



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