

An advanced wall-mounted heat pump (air conditioner) MSZ-FH-VEHZ

An advanced wall-mounted heat pump with the installed unique HyperHeating technology effectively and cost-efficiently heats under the outdoor temperature down to -25°C. The installed 3D I-See temperature sensor ensures a particularly even distribution of heat or coolness in the space.



SILENT OPERATION

MITSUBISHI ELECTRIC heat pumps have always been distinguished by a low level of noise. The new appliances of the MSZ-FH-VEHZ series are also characterized by a unique technology, which enables both the indoor and outdoor units to operate extremely silently.

WEEKLY PROGRAMMING

With the help of a remote control, it is possible to programme the operation of a MSZ-EF-VE2H heat pump for the whole week. You will be able to reduce the temperature of premises during those hours when you are not at home or are sleeping, and to enjoy comfortable warmth at other times

REMOTE CONTROL

If you install a small add-on, a WiFi adapter MAC-557IF-E, in a heat pump and connect to a special MELCloud application, you will be able to control your appliance remotely - using a smart phone, a tablet or another type of computer, no matter where you are. You will be able to monitor and flexibly control the parameters of your heat pump, programme a weekly timer, receive warning signals, review weather forecasts and contact details of the servicing company, etc.

Indoor unit specifications

Indoor unit	MSZ-FH25VE	MSZ-FH35VE	MSZ-FH50VE
Weight (kg)	13,5	13,5	13,5
Dimensions (mm)	305(+17) x 925 x 234	305(+17) x 925 x 234	305(+17) x 925 x 234
Airflow (m ³ /min.):			
For heating	4.0-4.7-6.4-9.2-13.2	4.0-4.7-6.4-9.2-13.2	5.7-7.2-9.0-11.2-14.6
For cooling	3.9-4.7-6.3-8.6-11.6	3.9-4.7-6.3-8.6-11.6	6.4-7.4-8.6-10.1-12.4
Level of noise (dB(A)):			
For heating	20-24-29-36-44	21-24-29-36-44	25-29-34-39-46
For cooling	20-23-29-36-42	21-24-29-36-42	27-31-35-39-44
Nominal electric power consumption (kW)	0,029	0,031	0,031
Maximum operating current (A)	0,4	0,4	0,4

*More information on seasonal energy efficiency coefficients is available [here](#). MSZ-FH-VE indoor units can also be matched with outdoor units of Multi Split MXZ series heat pumps (air conditioners). In such a case a few indoor sections can be connected to one outdoor section.

Outdoor unit specifications

Full name of a set	MSZ-FH25VEHZ	MSZ-FH35VEHZ	MSZ-FH50VEHZ
Outdoor unit	MUZ-FH25VEHZ	MUZ-FH35VEHZ	MUZ-FH50VEHZ
Heating power (kW) (Nom.(Min.-Max.))	3,2 (1,0-6,3)	4,0 (1,0-6,6)	6,0 (1,7-8,7)
COP	5,52	5,00	4,05
SCOP* (Seasonal Coefficient of Performance)	4,9	4,8	4,2
Seasonal energy efficiency class	A++	A++	A+
Nominal electric power consumption (kW)	0,580	0,800	1,480
Cooling power (kW) (Nom.(Min.-Max.))	2,5 (0,8-3,5)	3,5 (0,8-4,0)	5,0 (1,9-6,0)
EER	5,15	4,27	3,62
SEER* (Seasonal Energy Efficiency Ratio)	9,1	8,9	7,2
Seasonal energy efficiency class	A+++	A+++	A++

Full name of a set	MSZ-FH25VEHZ	MSZ-FH35VEHZ	MSZ-FH50VEHZ
Nominal electric power consumption (kW)	0,485	0,820	1,380
Weight (kg)	37	37	55
Dimensions (mm)	550-800-285	550-800-285	880-840-330
Airflow (m ³ /min) for heating/cooling	31,3/31,3	33,6/33,6	51,3/48,8
Level of noise (dB(A)) for heating/cooling	49/46	50/49	54/51
Power supply voltage (V/fazê/Hz)	230/1/50	230/1/50	230/1/50
Maximum operating current (A)	10,0	10,5	14,0
Recommended fuse (A)	10	12	16
Pipe bores (gas/liquid)	9,52/6,35 (3/8" ..1/4")	9,52/6,35 (3/8" ..1/4")	12,7/6,35 (1/4" ..1/2")
Maximum pipe length between indoor / outdoor un. (m)	20	20	30
Maximum height difference between indoor / outdoor un. (m)	12	12	15
Temperature range for guaranteed cost-efficient operation (°C):			
For heating	-25~+24	-25~+24	-25~+24
For cooling	-10~+46	-10~+46	-10~+46

*About seasonal energy efficiency ratio more information [here](#)