MSZ-AP R32

Elegance Wall Mounted System

Inverter Heat Pump















The **MSZ-AP** wall mounted system delivers excellent flexibility and energy efficiency for air conditioning projects. With an extensive range of capacities from 1.5kW to 7.1kW and connection to multi-split systems as well as single splits, the Elegance series is a great fit for a huge array of applications from small residential to light commercial installations.

Key Features & Benefits

- Compact and stylish white design
- Built in Wi-Fi interface enables system control & monitoring via the Mitsubishi Electric MELCloud app; plus voice control - compatible with Amazon Alexa or Google Assistant-enabled devices
- 30m pipe run (sizes 60 & 71)
- Easy operation via a backlit controller with 7 day time clock
- Compatible with Plasma Quad Connect - an innovative, bolt-on air purifying device which neutralises viruses, bacteria, allergens, PM2.5, mould and dust. For more information, please refer to page 1.1.7

works with Hey Google

R32

MSZ-AP - INDOOR UNITS		MSZ-AP15VGK	MSZ-AP20VGK	MSZ-AP25VGK	MSZ-AP35VGK	MSZ-AP42VGK	MSZ-AP50VGK	MSZ-AP60VGK	MSZ-AP71VGK
CAPACITY (KW)	Heating (nominal)	1.7 (1.2-3.0)	2.5 (0.5-3.5)	3.2 (1.0-4.1)	4.0 (1.6-4.3)	5.4 (1.3-6.0)	5.8 (1.4-7.3)	6.8 (2.0-8.6)	8.0 (2.2-10.3)
	Cooling (nominal)	1.5 (0.9-2.7)	2.0 (0.6-2.7)	2.5 (0.9-3.4)	3.5 (1.1-3.8)	4.2 (0.9-4.5)	5.0 (1.4-5.4)	6.1 (1.4-7.3)	7.1 (2.0-8.7)
	Heating (UK)	-	2.06 (0.4-2.9)	2.64 (0.8-3.4)	3.3 (1.1-3.8)	4.45 (1.1-4.9)	4.78 (1.2-6.0)	5.6 (1.6-7.1)	6.68 (1.8-8.6)
	Cooling (UK)	-	1.98 (0.6-2.7)	2.48 (0.9-3.4)	3.47 (1.1-3.8)	4.17 (0.9-4.5)	4.95 (1.4-5.3)	6.05 (1.4-7.2)	7.04 (2.0-8.6)
SHF (nominal)		-	0.80	0.92	0.88	0.77	0.74	0.83	0.77
COP / EER (nominal)		-	4.17 / 4.35	4.10 / 4.17	3.88 / 3.54	3.62 / 3.23	3.63 / 3.23	4.07 / 3.84	3.82 / 3.53
SCOP / SEER (BS EN14825)		-	4.10 / 8.60	4.80 / 8.60	4.70 / 8.60	4.70 / 7.80	4.70 / 7.40	4.60 / 7.40	4.40 / 7.20
ErP ENERGY EFFICIENCY CLASS	Heating/Cooling	-	A+ / A+++	A++ / A+++	A++ / A+++	A++ / A++	A++ / A++	A++ / A++	A+ / A++
AIRFLOW (l/s)	Heating (SLo-Lo-Mid-Hi-SHi)	62-73-83-100-113	62-73-83-100-122	82-98-122-148-215	82-98-122-148-215	88-102-128-157-233	93-108-137-167-233	180-223-257-290-338	170-192-220-255-320
	Cooling (SLo-Lo-Mid-Hi-SHi)	58-65-77-92-107	58-65-77-92-115	82-98-118-145-190	82-98-118-145-190	90-108-128-155-190	100-120-140-167-210	157-183-220-267-315	160-192-220-255-310
PIPE SIZE MM (in)	Gas	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	12.7 (1/2")	12.7 (1/2")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
SOUND PRESSURE LEVEL (dBA)	Heating (SLo-Lo-Mid-Hi-SHi)	21-26-30-35-40	21-26-30-35-42	19-24-34-39-45	19-24-31-38-45	21-29-35-40-45	28-33-38-43-48	30-37-41-45-48	30-37-41-45-51
	Cooling (SLo-Lo-Mid-Hi-SHi)	21-26-30-35-40	21-26-30-35-42	19-24-30-36-42	19-24-30-36-42	21-29-34-38-42	28-33-36-40-44	30-37-41-45-48	30-37-41-45-49
SOUND POWER LEVEL (dBA)		59	60	57	57	57	58	65	65
DIMENSIONS (mm)	Width x Depth x Height	760 x 178 x 250	760 x 178 x 250	798 x 219 x 299	798 x 219 x 299	798 x 219 x 299	798 x 219 x 299	1100 x 257 x 325	1100 x 257 x 325
WEIGHT (kg)		8.2	8.2	10.5	10.5	10.5	10.5	16	17
ELECTRICAL SUPPLY		Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit	Fed by Outdoor Unit
FUSE RATING (BS88) - HRC (A)		6	6	6	6	6	6	6	6
INTERCONNECTING CABLE No. CORES		4	4	4	4	4	4	4	4

MUZ-AP - OUTDOOR UNITS		MULTI-SPLIT ONLY	MUZ-AP20VG	MUZ-AP25VG	MUZ-AP35VG	MUZ-AP42VG	MUZ-AP50VG	MUZ-AP60VG	MUZ-AP71VG
SOUND PRESSURE LEVEL (dBA)	Heating/Cooling	-	48 / 47	48 / 47	50 / 49	51 / 50	52 / 52	57 / 56	55 / 55
SOUND POWER LEVEL (dBA)	Cooling	-	59	59	61	61	64	65	65
WEIGHT (kg)		-	31	31	31	35	40	40	55
DIMENSIONS (mm)	Width x Depth x Height	-	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	800 x 285 x 550	800 x 285 x 714	800 x 285 x 714	840 x 330 x 880
ELECTRICAL SUPPLY		-	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE		-	Single	Single	Single	Single	Single	Single	Single
SYSTEM POWER INPUT (kW)	Heating/Cooling (nominal)	-	0.60 / 0.46	0.78 / 0.60	1.03 / 0.99	1.49 / 1.30	1.60 / 1.55	1.67 / 1.59	2.12 / 2.01
	Heating/Cooling (UK)	-	0.52 / 0.38	0.70 / 0.50	0.93 / 0.83	1.34 / 1.09	1.44 / 1.29	1.51 / 1.33	1.91 / 1.68
STARTING CURRENT (A)		-	3.2	3.6	4.7	6.6	7.0	7.4	9.3
SYSTEM RUNNING CURRENT (A)	Heating/Cooling [MAX]	-	3.2 / 2.6 [7.0]	3.6 / 2.9 [7.06]	4.7 / 4.5 [8.46]	6.6 / 5.8 [9.6]	7.0 / 6.9 [13.6]	7.4 / 7.1 [14.0]	9.3 / 8.8 [16.4]
FUSE RATING (BS88) – HRC (A)		-	10	10	10	10	16	16	20
MAINS CABLE No. CORES		-	3	3	3	3	3	3	3
MAX PIPE LENGTH (m)		-	20	20	20	20	20	30	30
MAX HEIGHT DIFFERENCE (m)		-	12	12	12	12	12	15	15
CHARGE REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675) - 7m		-	0.55 / 0.38	0.55 / 0.37	0.55 / 0.37	0.70 / 0.47	1.00 / 0.68	1.05 / 0.71	1.50 / 1.02
MAX ADDITIONAL REFRIGERANT (kg) / CO_2 EQUIVALENT (t) - R32 (GWP 675)		-	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.26 / 0.18	0.30 / 0.21	0.30 / 0.21