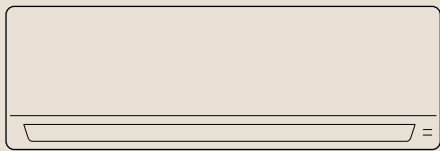


Benefits

Multizone

1

Suitably sized systems to fit perfectly in any space



Ideal for small properties, reducing consumption and ensuring the installation is not oversized.

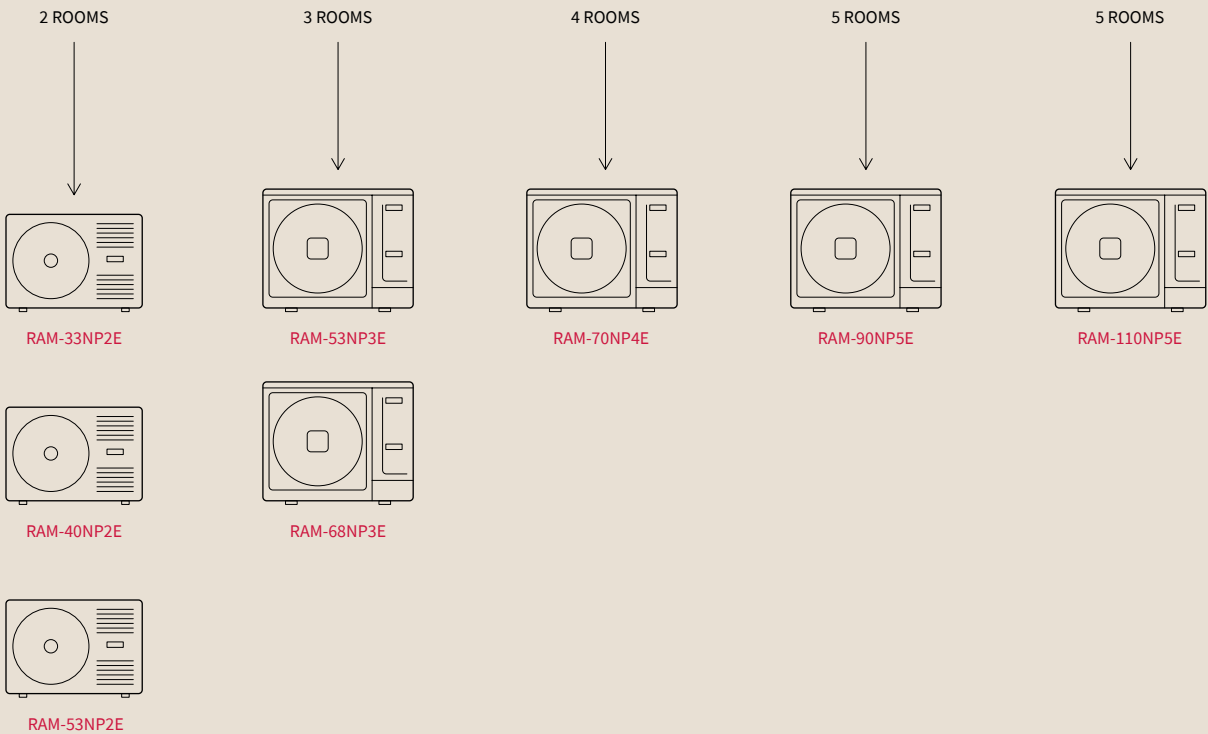
2

Air conditioning system that simplifies installation and maintenance

- The duct-type units allow the static pressure to be modified according to the needs of each installation.
- Reduced pipe diameter, bringing installation cost savings thanks to having smaller pipes.
- Refrigerant pre-charged at factory for 2x1 outdoor units, bringing savings in terms of installation time and cost by removing the need to add further refrigerant.
- Alarm code indicator, saving diagnosis time.

3

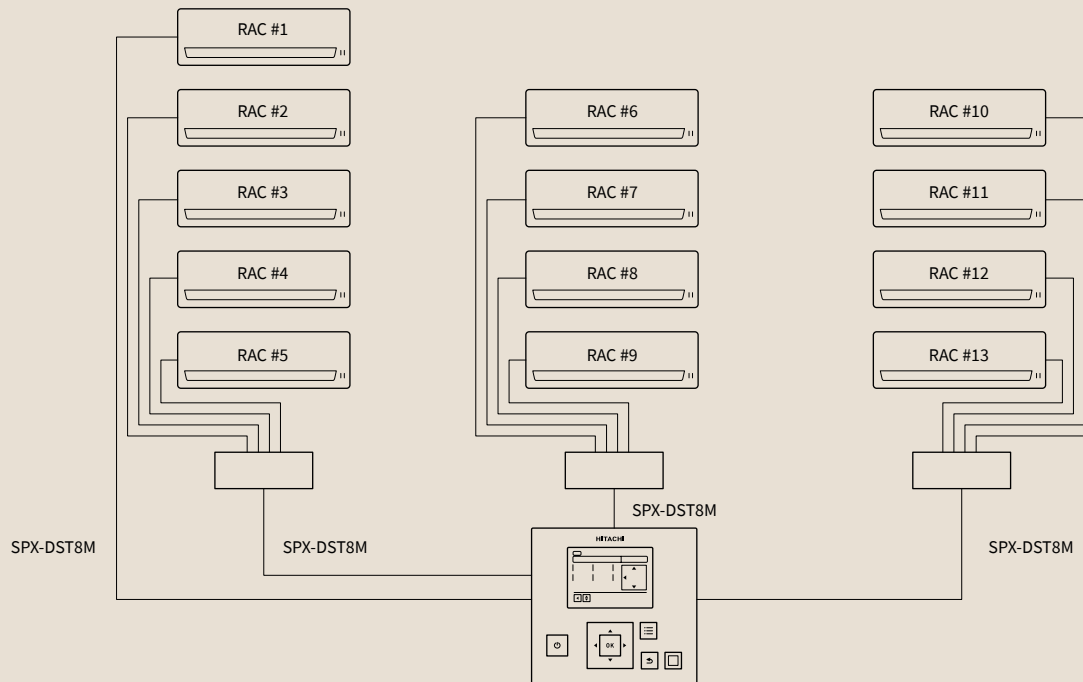
Extensive range



More than 300 possible combinations with the Multizone indoor units range. 8 outdoor units can be combined with 5 indoor units.

4

Air conditioning solutions that fit perfectly with the characteristics of each installation

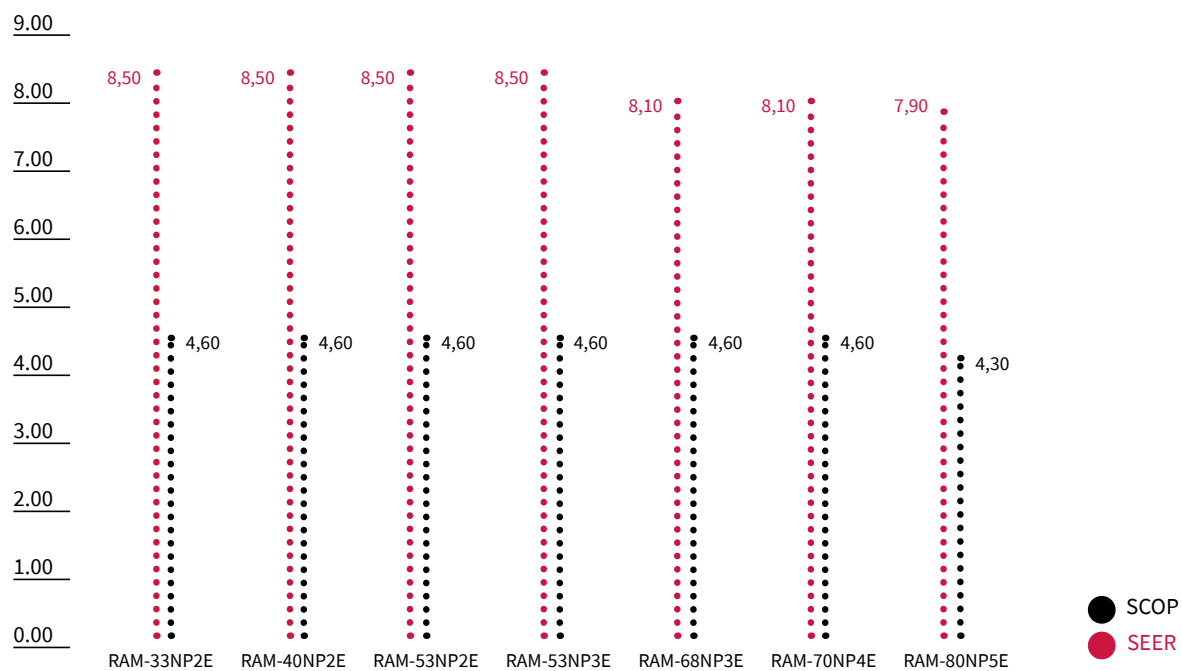


- Long pipe distances between the outdoor unit and the indoor unit. The longest on the market.
- Offset value setting from the Eco Control.
- Operation in cold mode up to -10 °C.

- Centralised control of up to 13 indoor units with the SPX-WTK3 cable control and the SPX-DST1 + SPX-DST8M distributor.

5

Low-power, high-performance systems



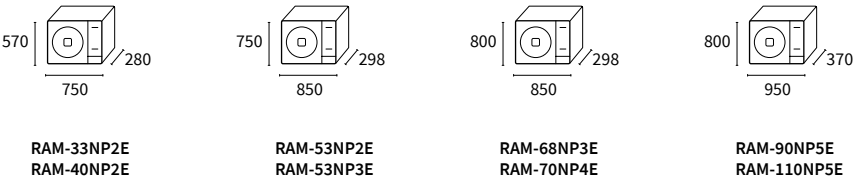
R32 Multizone

Outdoor units

Outdoor unit			RAM-33NP2E	RAM-40NP2E	RAM-53NP2E	RAM-53NP3E	RAM-68NP3E	RAM-70NP4E	RAM-90NP5E	RAM-110NP5E
Minimum/maximum number of connectable indoor units			2	2	2	2/3	2/3	2/4	2/5	2/5
Capacity	Cooling (Min/ Nom /Max)	kW	1.50- 3.30 -3.80	1.50- 4.00 -4.20	1.50- 5.30 -6.60	1.50- 5.30 -6.60	2.40- 6.80 -8.00	2.40- 7.00 -8.80	1.52- 8.50 -9.50	1.50- 10.00 -12.50
	Heating (Min/ Nom /Max)	kW	1.50- 4.00 -4.60	1.50- 5.20 -5.50	1.50- 6.80 -7.20	1.50- 6.80 -7.20	2.40- 8.50 -9.50	2.60- 8.50 -9.50	1.50- 10.00 -11.50	1.50- 12.00 -12.70
Consumption	Cooling (Min/ Nom /Max)	kW	0.20- 0.73 -1.05	0.20- 0.95 -1.15	0.20- 1.26 -1.66	0.20- 1.26 -1.68	0.46- 1.83 -2.96	0.46- 1.89 -3.20	0.20- 2.50 -3.85	0.50- 3.10 -4.50
	Heating (Min/ Nom /Max)	kW	0.20- 0.90 -1.50	0.20- 1.18 -1.50	0.20- 1.61 -2.01	0.20- 1.61 -1.86	0.43- 2.12 -2.60	0.48- 2.02 -3.12	0.20- 2.56 -3.85	0.50- 3.16 -5.00
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz
Indoor/outdoor wiring section (shielded)			2 x (3 x 1.50 + E)	2 x (3 x 1.50 + E)	2 x (3 x 1.50 + E)	3 x (3 x 1.50 + E)	3 x (3 x 1.50 + E)	4 x (3 x 1.50 + E)	5 x (3 x 1.50 + E)	5 x (3 x 1.50 + E)
EER			4.50	4.20	4.20	4.10	3.70	3.70	3.40	3.23
COP			4.40	4.40	4.20	4.20	4.00	4.20	3.90	3.80
SEER			8.50	8.60	8.50	8.50	8.10	8.10	7.90	6.52
SCOP			4.60	4.60	4.60	4.60	4.60	4.60	4.30	4.22
Energy rating (medium zone)			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Outdoor operating temperatures	Cooling (DB)	°C	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46	-10 to 46
	Heating (DB)	°C	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24	-15 to 24
Pipe diameter	Liquid-gas	inches	1/4 x 2 - 3/8 x 2	1/4 x 2 - 3/8 x 2	1/4 x 2 - 3/8 x 2	1/4 x 3 - 3/8 x 3	1/4 x 3 - 3/8 x 3	1/4 x 4 - (3/8 x 3) + (1/2 x 1)	1/4 x 5 - (3/8 x 3) + (1/2 x 2)	(1/4 x 5 - 3/8 x 3) + (1/2 x 2)
Air flow	Cooling	m3/h	1,620	1,620	2,160	2,160	2,700	2,700	3,900	4,000
	Heating	m3/h	1,620	1,620	2,160	2,160	2,700	2,700	3,900	4,000
Sound pressure	Cooling	dB(A)	48	49	50	50	50	50	53	54
	Heating	dB(A)	50	51	51	51	53	53	56	54
Sound power			60	60	60	61	63	63	66	68
N° fans			1	1	1	1	1	1	1	1
Minimum pipe length			3	3	3	3	3	3	3	3
Maximum pipe length			35	35	35	60	60	60	75	75
Maximum height difference			15	15	20	20	20	20	20	20
Compressor			Rotary	Rotary	New Twin Rotary	New Twin Rotary	New Twin Rotary	New Twin Rotary	New Twin Rotary	New Twin Rotary
Refrigerant			R32	R32	R32	R32	R32	R32	R32	R32
Refrigerant charge (length without additional charge)			kg (m)	kg (m)	kg (m)	kg (m)	kg (m)	kg (m)	kg (m)	kg (m)
Additional refrigerant charge			g/m	g/m	g/m	g/m	g/m	g/m	g/m	g/m
Dimensions (H x W x D)			mm	mm	mm	mm	mm	mm	mm	mm
Weight			kg	kg	kg	kg	kg	kg	kg	kg



Outdoor units



*Residential accessories are compatible with Multizone

R32 Multizone

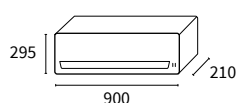
Indoor units

Wall-Mounted Shirokuma

Indoor unit			RAK-18QXE**	RAK-25RXE	RAK-35RXE	RAK-50RXE
Capacity	Cooling (Min/ Nom /Max)	kW	1.00- 1.80 -2.50	0.90- 2.50 -3.10	0.90- 3.50 -4.00	1.90- 5.00 -5.20
	Heating (Min/ Nom /Max)	kW	1.10- 2.50 -3.20	0.90- 3.20 -4.20	0.90- 4.00 -4.80	2.20- 5.80 -7.00
Air flow (Very low - Low - Medium - High)	Cooling	m3/h	300-330-430-500	300-330-510-600	320-340-520-660	350-400-580-720
	Heating	m3/h	310-360-480-600	290-370-560-680	310-380-570-720	350-420-620-800
Sound pressure (Very low - Low - Medium - High)	Cooling	dB(A)	20-25-30-36	20-27-35-43	22-29-37-45	25-31-39-47
	Heating	dB(A)	20-26-32-38	20-28-36-43	22-30-37-45	25-31-39-48
Sound power		dB(A)	49	58	60	60
Pipe diameter	Liquid-gas	inches	1/4-3/8	1/4-3/8	1/4-3/8	1/4-1/2
Condensate pipe diameter (out)		mm	16	16	16	16
Dimensions (H x W x D)		mm	295x900x210	295x900x210	295x900x210	295x900x210
Weight		kg	11.0	11.0	11.0	11.0
Remote control included			Wireless - RAR-6NE1	Wireless - RAR-6NE1	Wireless - RAR-6NE1	Wireless - RAR-6NE1
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz

**Data is provisional

Indoor units



RAK-18QXE RAK-35RXE
RAK-25RXE RAK-50RXE



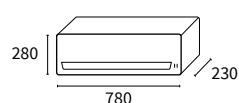
Multizone

Wall-Mounted Performance

Indoor unit			RAK-15QPE**	RAK-18RPE	RAK-25RPE	RAK-35RPE	RAK-50RPE
Capacity	Cooling (Min/ Nom /Max)	kW	0.90- 1.50 -2.00	0.90- 2.00 -2.50	0.90- 2.50 -3.10	0.90- 3.50 -4.00	1.90- 5.00 -5.20
	Heating (Min/ Nom /Max)	kW	1.00- 1.50 -2.50	0.90- 2.50 -3.20	0.90- 3.40 -4.40	0.90- 4.20 -5.0	2.20- 6.00 -7.30
Air flow (Very low - Low - Medium - High)	Cooling	m3/h	312-350-400-420	312-350-400-440	333-370-430-510	353-420-485-680	353-410-540-750
	Heating	m3/h	312-350-420-480	312-350-420-480	333-400-500-570	363-480-570-780	380-500-610-820
Sound pressure (Very low - Low - Medium - High)	Cooling	dB(A)	20-24-30-34	21-24-33-37	22-24-33-40	25-26-36-43	25-28-39-46
	Heating	dB(A)	20-24-32-35	19-22-33-38	20-23-34-41	26-27-36-44	27-31-39-46
Sound power		dB(A)	47	51	54	57	60
Pipe diameter	Liquid-gas	inches	1/4-3/8	1/4-3/8	1/4-3/8	1/4-3/8	1/4-1/2
Condensate pipe diameter (out)		mm	16	16	16	16	16
Dimensions (H x W x D)		mm	280x780x230	280x780x230	280x780x230	280x780x230	280x780x230
Weight		kg	8.5	8.5	8.5	8.5	8.5
Remote control included			Wireless - RAR-6NE1	Wireless - RAR-6NE1	Wireless - RAR-6NE1	Wireless - RAR-6NE1	Wireless - RAR-6NE1
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz

**Data is provisional

Indoor units



RAK-15QPE
RAK-18RPE RAK-35RPE
RAK-25RPE RAK-50RPE



*Residential accessories are compatible with Multizone

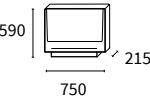
R32 Multizone

Indoor units

Shirokuma Console

Indoor unit			RAF-25RXE	RAF-35RXE	RAF-50RXE
Capacity	Cooling (Min/ Nom /Max)	kW	0.90- 2.50 -3.10	0.90- 3.50 -4.00	0.90- 5.00 -5.20
	Heating (Min/ Nom /Max)	kW	0.90- 3.40 -4.40	0.90- 4.50 -5.00	0.90- 6.00 -8.10
Air flow (Very low - Low - Medium - High)	Cooling	m3/h	270-390-510-630	270-390-510-660	300-450-540-700
	Heating	m3/h	300-420-540-660	300-420-540-690	330-480-570-730
Sound pressure (Very low - Low - Medium - High)	Cooling	dB(A)	20-26-31-38	20-26-31-39	22-29-36-43
	Heating	dB(A)	20-26-31-38	20-26-31-39	22-29-36-44
Sound power		dB(A)	52	53	57
Pipe diameter	Liquid-gas	inches	1/4-3/8	1/4-3/8	1/4-1/2
Condensate pipe diameter (out)		mm	16	16	16
Dimensions (H x W x D)		mm	590x750x215	590x750x215	590x750x215
Weight		kg	15.0	15.0	15.0
Remote control included			Wireless - RAR-6NE4	Wireless - RAR-6NE4	Wireless - RAR-6NE4
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz

Indoor units



RAF-25RXE
RAF-35RXE
RAF-50RXE

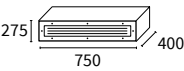


*Residential accessories are compatible with Multizone

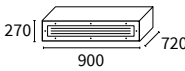
Ducts

Indoor unit			RAD-18QPE	RAD-25RPE	RAD-35RPE	RAD-50RPE	RAD-60RPE
Capacity	Cooling (Min/Nom/Max)	kW	0.90- 1.80 -2.50	0.90- 2.50 -3.00	0.90- 3.50 -4.00	1.20- 5.00 -5.80	1.20- 6.00 -6.50
	Heating (Min/Nom/Max)	kW	0.90- 2.50 -3.20	0.90- 3.50 -5.50	0.90- 4.80 -6.60	1.20- 6.00 -6.80	1.20- 7.00 -8.00
Air flow (Very low - Low - Medium - High)	Cooling	m3/h	330-390-450-510	330-390-450-510	330-390-450-510	350-540-800-1,140	350-540-800-1,140
	Heating	m3/h	330-390-450-510	330-390-450-510	330-390-450-510	350-540-800-1,140	350-540-800-1,140
Sound pressure (Very low - Low - Medium - High)	Cooling	dB(A)	30-33-37-41	30-33-37-41	30-33-37-41	29-32-35-39	29-32-35-39
	Heating	dB(A)	30-34-38-42	30-34-38-42	30-34-38-42	29-32-35-40	29-32-35-40
Sound power		dB(A)	57	57	57	53	53
Available pressure (Low - Medium - High)		Pa	70	70	70	50-100-150	50-100-150
Pipe diameter	Liquid-gas	inches	1/4-3/8	1/4-3/8	1/4-3/8	1/4-1/2	1/4-1/2
Condensate pipe diameter (out)		mm	16	16	16	32	32
Dimensions (H x W x D)		mm	235x750x400	235x750x400	235x750x400	270x900x720	270x900x720
Weight		kg	16.0	16.0	16.0	35.0	35.0
Condensate pump			Included	Included	Included	Included	Included
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz

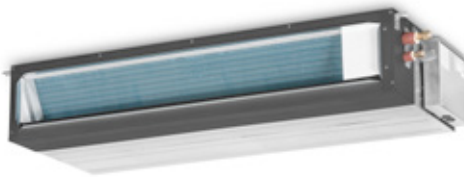
Indoor units



RAD-18QPE
RAD-25RPE
RAD-35RPE



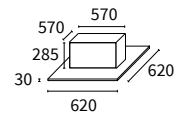
RAD-50RPE
RAD-60RPE



Cassette

Indoor unit			RAI-25RPE	RAI-35RPE	RAI-50RPE	RAI-60RPE
Capacity	Cooling (Min/Nom/Max)	kW	0.90- 2.50 -3.00	0.90- 3.50 -4.00	1.20- 5.00 -5.80	1.20- 6.00 -6.50
	Heating (Min/Nom/Max)	kW	0.90- 3.50 -5.00	0.90- 4.80 -6.60	1.20- 6.00 -6.80	1.20- 7.00 -8.00
Air flow (Very low - Low - Medium - High)	Cooling	m3/h	360-505-590-660	360-505-590-660	390-540-630-720	390-540-630-720
	Heating	m3/h	444-540-630-720	444-540-630-720	450-600-690-780	450-600-690-780
Sound pressure (Very low - Low - Medium - High)	Cooling	dB(A)	27-31-35-38	27-33-37-40	29-35-39-43	29-35-39-43
	Heating	dB(A)	28-32-36-39	28-34-38-41	30-36-40-44	30-36-40-44
Sound power		dB(A)	54	56	56	56
Pipe diameter	Liquid-gas	inches	1/4-3/8	1/4-3/8	1/4-1/2	1/4-1/2
Condensate pipe diameter (out)		mm	32	32	32	32
Cassette dimensions (H x W x D)		mm	285x570x570	285x570x570	285x570x570	285x570x570
Cassette weight		kg	17	17	17	17
Panel dimensions (H x W x D)		mm	30x620x620	30x620x620	30x620x620	30x620x620
Panel weight		kg	2.8	2.8	2.8	2.8
Condensate pump			Included	Included	Included	Included
Electrical power			1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz	1 ~230V 50Hz

Indoor units



RAI-25RPE RAI-50RPE
RAI-35RPE RAI-60RPE



*Residential accessories are compatible with Multizone