DAIKIN

Perfecting the Air

NEW

ALIRA X

Designed for Superior Comfort



FASTER HEATING

HIGHER EFFICIENCY

BUILT TO LAST

EASIER INSTALLATION

Engineered For Enhanced Heating Performance, Durability, Reliability, And Easy Installation

Features & Technology

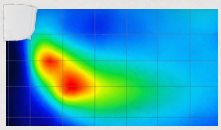
Rapid Heating Capacity

IMPROVED

Heats your home faster, even on cold days.

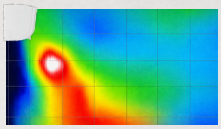
Compressor ramps up quickly to warm your space faster than before, perfect for those chilly NZ winters.

Conventional



The amount of air gradually increases as the temperature of the blow rises.

New



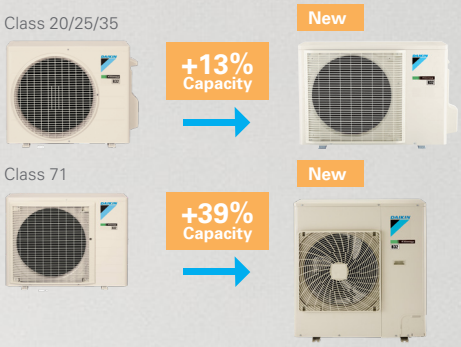
Air is blown out quickly, warming the entire room in a short time.

Outdoor unit casing up-sized

IMPROVED

More heating power, better performance.

A redesigned outdoor unit improves efficiency. Adopting more efficient casing improves the heating capacity.

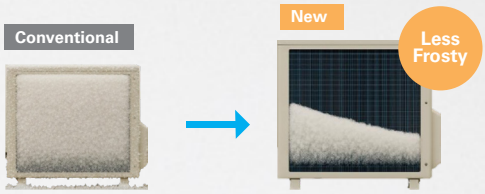


Long Time Heating Operation

IMPROVED

Stays warmer for longer.

A larger heat exchanger delivers stronger, more consistent heating while helping reduce frost build-up, so your system keeps heating, even in colder conditions.

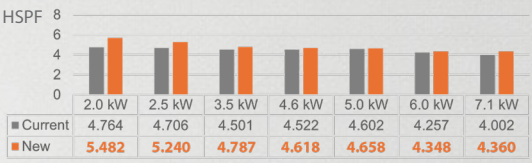


Energy performance

IMPROVED

More comfort, less energy use.

New compressor technology delivers top-tier efficiency, helping reduce power bills while keeping your home comfortable.



	2.0 kW	2.5 kW	3.5 kW	4.6 kW	5.0 kW	6.0 kW	7.1 kW
Current	4.764	4.706	4.501	4.522	4.602	4.257	4.002
New	5.482	5.240	4.787	4.618	4.658	4.348	4.360

Lizard and Bug Protection

IMPROVED

Built for long-term reliability.

A sealed electrical design helps prevent insects and lizards from getting inside, protecting key components such as the PCB, resulting in improved durability.

New

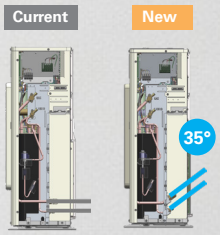


Flexible installation

IMPROVED

Fits where others can't.

With a 35° stop valve piping angle, installers have more room to work, making it easier to install in tight outdoor spaces and tricky locations.







Streamer Technology

Cleaner indoor air for everyday living

Modern homes require more than basic filtration.
Airborne particles are commonly found indoors.
Comfort starts with clean indoor air.

What's New in Alira X

		Previous Alira	NEW Alira X
Rapid Heating Capacity	*Performance*	Standard ramp-up	**Faster start-up**
	Heating Power	Standard output	**Higher output**
Long Time Heating Operation	*Defrost Control*	More frequent defrost	**Reduced frost build-up**
	Operation Time	Standard heating cycle	**Longer continuous heating**
Energy Performance	*Efficiency*	High efficiency	**Higher efficiency**
	Energy Use	Low power consumption	**Lower power consumption**
Outdoor Unit Upgrade	*Casing Size*	Core casing	**Optimised casing**
	Heating Output	Reference capacity	**Higher capacity**
Lizard and Bug Protection	*Protection*	Open electrical box	**Protected electrical box**
	Reliability	No pest protection	**Lizard and bug protection**
Flexible installation	*Valve Design*	0° piping angle	**35° piping angle**
	Installation	Common	**Easier in tight spaces**

Control your comfort, anytime, anywhere

Built-in Wi-Fi lets you control your system from your smartphone using the Daikin Mobile Controller app, whether you're at home or away.

- Turn your system on before you arrive
- Adjust temperature from anywhere
- Monitor and manage your comfort easily

Voice control compatible
Works with Google Home and Amazon Alexa for hands-free operation.

AMAZON ALEXA

GOOGLE ASSISTANT



Specifications



FTXM20-35AVMA



FTXM46AVMA



FTXM50-71AVMA

INDOOR UNIT		FTXM20AVMA	FTXM25AVMA	FTXM35AVMA	FTXM46AVMA	FTXM50AVMA	FTXM60AVMA	FTXM71AVMA
OUTDOOR UNIT		RXM20AVMA	RXM25AVMA	RXM35AVMA	RXM46AVMA	RXM50AVMA	RXM60AVMA	RXM71AVMA
Rated Capacity	Cool (kW)	2.2	2.5	3.5	4.6	5.0	6.0	7.1
	Heat (kW)	2.7	3.2	3.7	4.7	6.0	7.2	8.0
Capacity Range	Cool (kW)	1.1-3.4	1.1-3.8	1.1-4.5	1.1-5.5	1.1-6.7	1.1-7.5	2.0-8.9
	Heat (kW)	1.0-5.5	1.0-6.0	1.0-6.1	1.0-6.7	1.0-8.2	1.0-9.8	1.7-10.9
Indoor Airflow Rate (H)	Cool (l/s)	208	220	231	258	355	411	425
	Heat (l/s)	218	226	236	263	363	418	433
Indoor Fan Speeds		5 steps, quiet and automatic						
Star Rating (Hot/Avg/Cold) ZERL (Residential)	Cool	6.5/5.5/6	6.5/5.5/6	5.5/5/5.5	4.5/4/4.5	5.5/5/5.5	4.5/4.5/5	4/3.5/3.5
	Heat	4.5/4/3.5	4.5/4/3.5	4.5/3.5/3	4/3.5/3	4/3.5/3	4/3/2.5	4/3/2.5
Front Panel Colour		White						
Power Supply		1 phase, 220-240V, 50Hz						
Power Input (Rated)	Cool (kW)	0.415	0.470	0.800	1.100	1.130	1.480	2.030
	Heat (kW)	0.450	0.570	0.760	1.020	1.220	1.610	1.830
E.E.R/C.O.P	Cool/Heat	5.30 / 6.00	5.32 / 5.61	4.38 / 4.87	4.18/4.61	4.42/4.92	4.05/4.47	3.50/4.37
TCSPF (Residential)	Cold	7.549	7.728	7.201	6.057	7.070	6.553	5.413
HSPF (Residential)	Cold	5.482	5.240	4.787	4.618	4.658	4.348	4.360
A.E.E.R/A.C.O.P	Cool/Heat	5.250/5.946	5.274/5.574	4.353/4.843	4.167/4.590	4.410/4.903	4.044/4.462	3.470/4.334
Dimensions (HxWxD)	Indoor (mm)	299x839x280			299x921x280	299x1103x280		
	Outdoor (mm)	595 × 845 × 300			695 × 930 × 350			990 × 940 × 320
Weight	Indoor (kg)	13			14	16		
	Outdoor (kg)	36			50	52		75
Compressor Type		Hermetically Sealed Swing Type						
Refrigerant Type		R-32						
Max Pipe Length	(m)	20			30			
Max Level Difference	(m)	15			20			
Pipe Sizes	Liquid (mm)	6.4						
	Gas (mm)	9.5			12.7			15.9
Outdoor Operating Range (min.~max.)	Cool (°CDB)	-10 ~ 50						
	Heat (°CWB)	-15 ~ 24						
Indoor Sound Pressure (H/SL)	Cool (dBA)	39/19	41/19	42/19	43/26	45/28	48/29	49/30
	Heat (dBA)	39/20	40/20	42/20	43/26	45/28	48/29	49/30
Outdoor Sound Pressure (H/SL)	Cool (dBA)	48/44	48/44	49/45	47/44	47/44	49/45	54/51
	Heat (dBA)	50/45	50/45	50/45	48/45	48/45	52/45	55/51
Outdoor EPA Sound Power Level (H)	Cool (dB)	58	59	61	59	59	61	65
	Heat (dB)	59	60	61	60	60	64	66

Notes:

Specifications are based on the following conditions;

*1 Indoor temp.: 27°CDB, 19°CWB/outdoor temp.: 35°CDB/Equivalent piping length: 5 m, level difference: 0 m.

*2 Indoor temp.: 20°CDB, 15°CWB/outdoor temp.: 7°CDB, 6°CWB/Equivalent piping length: 5 m, level difference: 0 m.

*3 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

*4 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

ALIRA-X-17072026

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