

# P-SERIES



## STYLED TO PERFORM

The P-Series was engineered for the modern home, with a sleek design that blends in and a brilliant performance that stands out. Created with smooth curves and high quality matte crystal white finish, it integrates perfectly with contemporary bedrooms and living areas. Not to mention its whisper quiet operation, high seasonal efficiency and superior comfort levels. The new wall mounted P-Series is the perfect solution for heating or cooling your home, creating a family sanctuary all year round.



## WHERE COMFORT LIVES

**R32 REFRIGERANT** - R32 is the next generation in refrigerants that enables increased energy efficiency and has a substantially lower 'Global Warming Potential Factor' than refrigerant R410A, providing less risk of harm to the environment.

**FRESH AIR** - A sophisticated titanium air purification filter traps even microscopic airborne dust particles, absorbs bacteria and viruses, and even breaks down odours.

**3D AIRFLOW** - 3D Airflow combines vertical and horizontal auto-swing to create an even distribution of air throughout the room, even to the far corners.

**PROGRAM DRY FUNCTION** - Besides reducing humidity, this function automatically controls temperature and airflow rate and cleverly switches into cooling mode if the room temperature rises too much.

**INVERTER POWERFUL OPERATION** - Push the POWERFUL button on the remote control and you'll be relieved with a cooling or heating boost for a 20-minute period, even if the unit's already operating at high capacity.



**COMFORT MODE** - When cooling, the advanced louvre design positions itself horizontally to prevent cold airflow from being blown directly onto the body. When heating, the louvre turns vertically downwards to drive warm air to the bottom of the room.

**2-AREA INTELLIGENT EYE\*** - The 2-area intelligent eye sensor controls comfort in two ways. If the room's empty for 20 minutes, it starts saving energy. When someone enters the room, it immediately returns to the original setting. It can also direct airflow to you for powerful heating and cooling or away from you for draft-free comfort.

**DEMAND RESPONSE ENABLED DEVICE (DRED)** - When optionally enabled, DRED allows your electricity provider to control the system at various pre-programmed levels to manage the demand on the power grid during peak demand.

\*2-Area intelligent eye applicable to 20 - 46 class only.

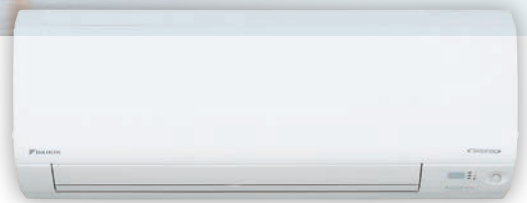


## OTHER ADVANCED FEATURES

Other features include standby power function, econo mode, 24 hour on/off timer and weekly timer that allows you to schedule 4 settings (on and off times and desired temperature) per day for each day of the week.

### SMARTPHONE CONTROL ADAPTOR\*

Optional external Wi-Fi adaptor (BRP072A42) can be purchased. Wi-Fi connection lets you set and even schedule the temperature from anywhere using the D-Mobile app via Android and Apple systems. So you can manage the unit when away from home, offering optimal climate control while saving energy. \*Coming early 2015



# BASIC SPECIFICATIONS

## REVERSE CYCLE

INDOOR UNIT		FTXM20PVMA	FTXM25PVMA	FTXM35PVMA	FTXM46PVMA	FTXM50PVMA	FTXM60PVMA	FTXM71PVMA	FTXM85PVMA	FTXM95PVMA
OUTDOOR UNIT		RXM20PVMA	RXM25PVMA	RXM35PVMA	RXM46PVMA	RXM50PVMA	RXM60PVMA	RXM71PVMA	RXM85PVMA	RXM95PVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	8.5	9.4
	Heat (kW)	2.7	3.2	3.7	4.7	6	7	7.5	9	10.3
Capacity Range	Cool (kW)	0.9-2.8	0.9-3.4	0.9-4.1	0.9-5.4	1.1-6.1	1.1-6.8	2.0-8.8	2.0-10.5	2.0-11.2
	Heat (kW)	0.9-4.3	0.9-5.0	0.9-5.1	1.0-6.6	1.0-7.7	1.0-8.3	1.9-10.4	1.9-11.6	1.9-12.0
Energy Label/Star Ratings	Cool	5	5	3.5	2.5	4	3	2.5	2	2
	Heat	5	5	5	3.5	4	3.5	3	2.5	2
A.E.E.R/A.C.O.P	Cool/Heat	4.82/4.54	4.85/4.88	4.05/4.54	3.69/3.84	4.22/4.21	3.86/4.06	3.51/3.79	3.31/3.62	3.27/3.28
Dimensions (HxWxD)	Indoor (mm)	295x800x215	295x800x215	295x800x215	295x800x215	340x1050x259	340x1050x259	340x1050x259	340x1200x259	340x1200x259
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300	735x825x300	770x900x320	990x940x320	990x940x320

## COOLING ONLY

Full product specifications - page 20

INDOOR UNIT		FTKM20PVMA	FTKM25PVMA	FTKM35PVMA	FTKM46PVMA	FTKM50PVMA	FTKM60PVMA	FTKM71PVMA
OUTDOOR UNIT		RKM20PVMA	RKM25PVMA	RKM35PVMA	RKM46PVMA	RKM50PVMA	RKM60PVMA	RKM71PVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1
Capacity Range	Cool (kW)	0.9-2.8	0.9-3.4	0.9-4.1	0.9-5.4	1.1-6.1	1.1-6.8	2.0-8.8
Energy Label/Star Ratings	Cool	5	5	3.5	2.5	4	3	2.5
A.E.E.R	Cool	4.82	4.85	4.05	3.69	4.22	3.86	3.51
Dimensions (HxWxD)	Indoor (mm)	295x800x215	295x800x215	295x800x215	295x800x215	340x1050x259	340x1050x259	340x1050x259
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300	735x825x300	770x900x320

Full product specifications - page 21



# P-SERIES [Reverse Cycle]

## PRODUCT SPECIFICATION

INDOOR UNIT		FTXM20PVMA FTXM25PVMA FTXM35PVMA FTXM46PVMA FTXM50PVMAFTXM60PVMA FTXM71PVMA FTXM85PVMAFTXM95PVMA								
OUTDOOR UNIT		RXM20PVMA	RXM25PVMA	RXM35PVMA	RXM46PVMA	RXM50PVMA	RXM60PVMA	RXM71PVMA	RXM85PVMA	RXM95PVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1	8.5	9.4
	Heat (kW)	2.7	3.2	3.7	4.7	6.0	7.0	7.5	9.0	10.3
Capacity Range	Cool (kW)	0.9 - 2.8	0.9 - 3.4	0.9 - 4.1	0.9 - 5.4	1.1 - 6.1	1.1 - 6.8	2.0 - 8.8	2.0 - 10.5	2.0 - 11.2
	Heat (kW)	0.9 - 4.3	0.9 - 5.0	0.9 - 5.1	1.0 - 6.6	1.0 - 7.7	1.0 - 8.3	1.9 - 10.4	1.9 - 11.6	1.9 - 12.0
Indoor Airflow Rate (Hi)	Cool (l/s)	165	155	163	175	278	302	358	358	372
	Heat (l/s)	165	163	182	177	287	313	335	422	413
Indoor Fan Speeds		5 steps, quiet and automatic								
Energy Label/Star Ratings	Cool	5	5	3.5	2.5	4	3	2.5	2	2
	Heat	5	5	5	3.5	4	3.5	3	2.5	2
Front Panel Colour		White								
Power Supply		1 phase, 220-240, 50Hz								
Power Input (Rated)	Cool (kW)	0.41	0.51	0.86	1.24	1.18	1.55	1.94	2.49	2.79
	Heat (kW)	0.59	0.65	0.81	1.22	1.42	1.72	1.91	2.42	3.07
E.E.R./C.O.P	Cool/Heat	4.88/4.58	4.9/4.92	4.04/4.57	3.71/3.85	4.24/4.23	3.87/4.07	3.66/3.93	3.41/3.72	3.37/33.6
A.E.E.R./A.C.O.P	Cool/Heat	4.82/4.54	4.85/4.88	4.05/4.54	3.69/3.84	4.22/4.21	3.86/4.06	3.51/3.79	3.31/3.62	3.27/3.28
Dimensions (HxWxD)	Indoor (mm)	295x800x215	295x800x215	295x800x215	295x800x215	340x1050x259	340x1050x259	340x1050x259	340x1200x259	340x1200x259
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300	735x825x300	770x900x320	990x940x320	990x940x320
Weight	Indoor (kg)	9	10	10	10	15	15	15	17	18
	Outdoor (kg)	32	34	34	47	47	47	69	80	82
Compressor Type		Hermetically Sealed Swing Type								
Refrigerant Type		R32								
Max Pipe Length	(m)	20	20	20	30	30	30	30	30	30
Max Level Difference	(m)	15	15	15	20	20	20	20	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	15.9	15.9	15.9
Outdoor Operating Range (outdoor temp)	Cool (°CDB)	-10 to 46								
	Heat (°CWB)	-15 to 18								
Indoor Sound Level (H/SL)	Cool (dBA)	38/20	40/20	42/20	44/32	45/32	48/33	52/34	51/37	53/38
	Heat (dBA)	39/25	40/25	42/26	43/30	45/30	48/30	50/30	51/35	52/35
Outdoor Sound Level (H)	Cool (dBA)	46/43	47/43	49/44	47/44	47/44	49/46	53/49	54/51	54/51
	Heat (dBA)	47/44	48/44	49/45	48/45	48/45	50/46	54/49	56/51	55/51
Outdoor EPA Sound Power Level (H)	Cool (dBA)	58	59	61	59	59	61	65	66	66
	Heat (dBA)	59	60	61	60	60	64	66	68	67



# P-SERIES [Cooling only]

## PRODUCT SPECIFICATION

INDOOR UNIT		FTKM20PVMA	FTKM25PVMA	FTKM35PVMA	FTKM46PVMA	FTKM50PVMA	FTKM60PVMA	FTXM71PVMA
OUTDOOR UNIT		RKM20PVMA	RKM25PVMA	RKM35PVMA	RKM46PVMA	RKM50PVMA	RKM60PVMA	RXM71PVMA
Rated Capacity	Cool (kW)	2.0	2.5	3.5	4.6	5.0	6.0	7.1
Capacity Range	Cool (kW)	0.9 - 2.8	0.9 - 3.4	0.9 - 4.1	0.9 - 5.4	1.1 - 6.1	1.1 - 6.8	2.0 - 8.8
Indoor Airflow Rate (Hi)	Cool (l/s)	165	155	163	175	278	302	358
Indoor Fan Speeds		5 steps, quiet and automatic						
Energy Label/Star Ratings	Cool	5	5	3.5	2.5	4	3	2.5
Front Panel Colour		White						
Power Supply		1 phase, 220-240, 50Hz						
Power Input (Rated)	Cool (kW)	0.41	0.51	0.86	1.24	1.18	1.55	1.94
E.E.R	Cool	4.88	4.9	4.07	3.71	4.24	3.87	3.66
A.E.E.R	Cool	4.82	4.85	4.05	3.69	4.22	3.86	
Dimensions (HxWxD)	Indoor (mm)	295x800x215	295x800x215	295x800x215	295x800x215	340x1050x259	340x1050x259	340x1050x259
	Outdoor (mm)	550x765x285	550x765x285	550x765x285	735x825x300	735x825x300	735x825x300	770x900x320
Weight	Indoor (kg)	9	10	10	10	15	15	15
	Outdoor (kg)	31	33	33	46	46	46	68
Compressor Type		Hermetically Sealed Swing Type						
Refrigerant Type		R32						
Max Pipe Length	(m)	20	20	20	30	30	30	30
Max Level Difference	(m)	15	15	15	20	20	20	20
Pipe Sizes	Liquid (mm)	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	Gas (mm)	9.5	9.5	9.5	12.7	12.7	12.7	15.9
Outdoor Operating Range (outdoor temp)	Cool (°CDB)	-10 to 46						
Indoor Sound Level (H/SL)	Cool (dBA)	38/20	40/20	42/20	44/32	45/32	48/33	52/34
Outdoor Sound Level (H)	Cool (dBA)	46/43	47/43	49/44	47/44	47/44	49/46	53/49
Outdoor EPA Sound Power Level (H)	Cool (dBA)	58	59	61	59	59	61	65