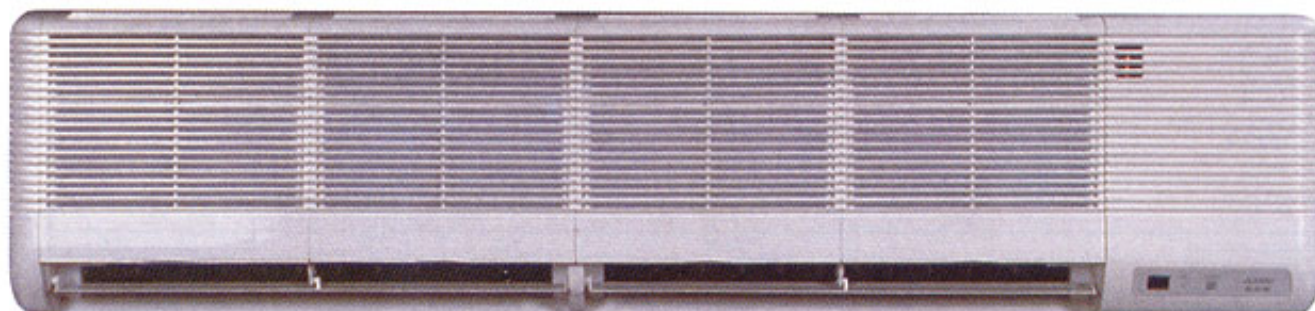


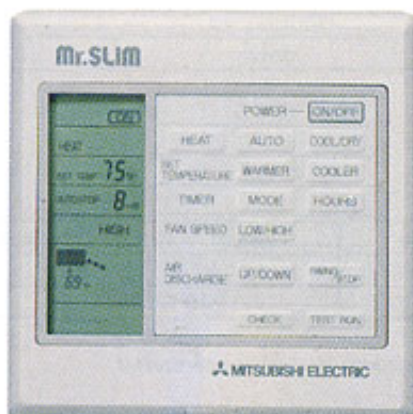
DUCTLESS-SPLIT AIR CONDITIONERS

Mr.SLIM™

PK-FK Wall-Mounted Series



- **More compact.**
 - **Superior air diffusion.**
 - **Auto/swing vane operation.**
 - **Standard ambient operation down to -18°C (0°F).**
- Low maintenance filter system.
 - Enhanced noise suppression.
 - Simplified installation.
 - Computerized dehumidification.
 - Computerized self-diagnostics.
 - Maximum line set lengths to 50 m (164 ft.).
 - Re-charged for 30 m (100 ft.) of line set.
 - All units pretested at factory.
 - Swing-louvre comfort



"Intelligent" remote control

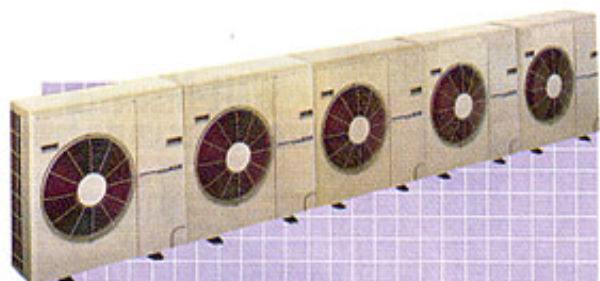
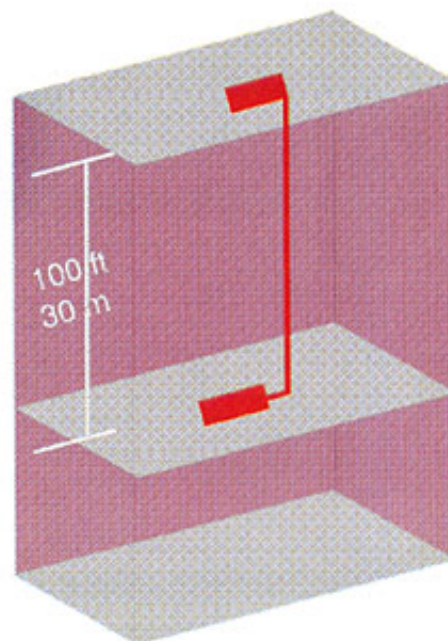
- May be located up to 167 M (550 ft) away.
- Does not have to be located in zone.
- May control up to 50 units.
- May be interfaced to full energy management systems (See Data Sheet 97APP03).
- May be used with status panel/alarm system (See Engineering Manual).
- Optional solid state 7 day timer control

DUCTLESS-SPLIT AIR CONDITIONERS

Redi-Charged!

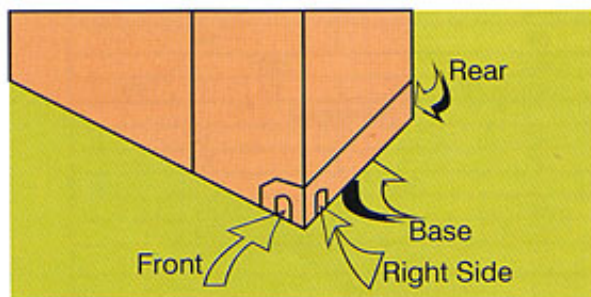
- Units precharged to first 30 m (100 ft.), no adjustment required!
- Lines may be vertical or horizontal to maximum run length.
- Maximum run length to 40 m (130 ft.) for PU12EK, PU18EK, PU24EK.
- Maximum run length to 50 m (164 ft.) for PU30EK, PU36EK.
- No trapping required!

HIGHLY EFFICIENT
REDI-CHARGED
REFRIGERANT SYSTEM



Superior Outdoor Design

- Totally front serviceable.
- May be rowed or racked.
- Standard wind baffle included with system.
- On-board computer diagnostics.
- Computer-controlled fan speed.
- Standard low ambient operation to -17° C (0° F).
- Special extra-low ambient machines for -40° operation.



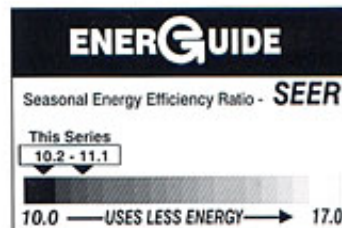
Four-way access for easy installation.



Rotary Compressor

World famous Mitsubishi Electric rotary compressor:

- High dependability.
- Low noise.
- High efficiency.



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PK-FK Series Wall Mounted Ductless-Split Air Conditioners

IP Units

ITEM			MODEL				
SYSTEM			PK12FK	PK18FK	PK24FK	PK30FK	PK36FK
Capacity	*1	BTU/h	12,000	18,000	24,000	30,000	34,200
Power Consumption	*1	kW	1.79	1.79	2.36	3.12	3.44
EER	*1		10.1	10.1	10.2	9.6	9.9
SEER			11.1	11.1	10.2	10.6	10.5
INDOOR UNIT			PU12EK	PU18FK	PU24EK	PK30EK	PK36FK
External finish			Munsell 3.4Y7.7/0.8				
Power supply		V Phase Hz	115,1,60				
Max. fuse size(time delay)		A	15				
Min. ampacity			1		2		
Fan motor		F.L.A.	0.7				1
Airflow Hi-Lo	Dry	CFM	490 - 350	710 - 530		990 - 780	
	Wet	CFM	440 - 320	640 - 480		890 - 700	
Moisture removal		Pints/h	3.8	5.3	7.0	9.1	10.5
Sound pressure level Hi-Lo		dB(A)	43 - 35			46 - 41	
Cond. drain connection OD		in.	1				
Dimensions	W	in.	49 - 7/32	55 - 1/8		66 - 5/32	
	D	in.	7 - 7/8	9 - 1/4		9 - 1/4	
	H	in.	11 - 13/16	13 - 3/8		13 - 3/8	
Weight		lbs.	37	57		66	
OUTDOOR UNIT			PU12EK	PU18EK	PU24EK	PU30EK	PU36EK
External finish			Munsell 5Y7/1				
Sound pressure level		dB(A)	50	53	55		
Power supply		V Phase Hz	208/230,1,60				
Max. fuse size(time delay)		A	15	20		30	
Min. ampacity			11	16		20	22
Fan motor		F.L.A.	0.65	0.75	0.65 + 0.65	0.75 + 0.75	
		R.L.A	8.9	12	11.5	14	17.5
		L.R.A	29	37	54	73	87
Crankcase heater		A(W)	0.11 / 0.12 (23 / 28)		0.16/0.17(33/39)		
Refrigerant control			Capillary tube				
Defrost method			Reverse cycle				
Dimensions	W	in.	34 - 1/4			38 - 3/16	
	D	in.	11 - 5/8			13 - 9/16	
	H	in.	25 - 9/16	33 - 1/2	49 - 9/16		
Weight		lbs.	105	154	207	208	220
REFRIGERANT PIPING			Not supplied				
Refrigerant Tubing (Individually Insulated)	Liquid	in.	3/8			1/2	
	Gas	in.	5/8			3/4	
Connection Method			Flare				
Between the Indoor and Outdoor units	Height	ft.	130			164	
	Piping Length	ft.	130			164	
Refrigerant Type			R22				
REMOTE CONTROLLER	*2		With indoor unit				
Control voltage	*2		12 vdc				

*1 Rating conditions Indoor:80° F DB, 67° F WB Outdoor:95° F DB, 75° F WB

*2 Shielded wire with computer ground must be used in areas with high inductance transients

Operating Range

		Indoor Air Intake Temperature		Outdoor Air Intake Temperature
COOLING	Maximum	35° C (95° F) DB	22° C (71° F) WB	46° C (115° F) DB
	Minimum	19° C (67° F) DB	14° C (57° F) WB	-18° C (0° F) DB

Units must be installed in accordance to federal, provincial and local codes and ordinances by qualified personnel

Specifications subject to change without notice

PK-FK Series Wall Mounted Ductless-Split Air Conditioners

SI Units

ITEM			MODEL				
SYSTEM			PK12FK	PK18FK	PK24FK	PK30FK	PK36FK
Capacity	*1	kW	3.51	5.27	7.03	8.78	10.02
Power Consumption	*1	kW	1.79	1.79	2.36	3.12	3.44
EER	*1		10.1	10.1	10.2	9.6	9.9
SEER			11.1	11.1	10.2	10.6	10.5
INDOOR UNIT			PU12EK	PU18FK	PU24EK	PK30EK	PK36FK
External finish			Munsell 3.4Y7.7/0.8				
Power supply		V Phase Hz	115,1,60				
Max. fuse size(time delay)		A	15				
Min. ampacity			1			2	
Fan motor		F.L.A.	0.7				1
Airflow Hi-Lo	Dry	L/s	240 - 172	349 - 260		486 - 383	
	Wet	L/s	216 - 157	314 - 236		437 - 344	
Moisture removal		l/h	1.8	2.5	3.3	4.3	4.96
Sound pressure level Hi-Lo		dB(A)	43 - 35			46 - 41	
Cond. drain connection OD		IPT	1				
Dimensions	W	mm	1250	1400		1680	
	D	mm	200	235		235	
	H	mm	300	340		340	
Weight		kg	17	26		30	
OUTDOOR UNIT			PU12EK	PU18EK	PU24EK	PU30EK	PU36EK
External finish			Munsell 5Y7/1				
Sound pressure level		dB(A)	50	53	55		
Power supply		V Phase Hz	208/230,1,60				
Max. fuse size(time delay)		A	15	20		30	
Min. ampacity			11	16		20	22
Fan motor		F.L.A.	0.65	0.75	0.65 + 0.65	0.75 + 0.75	
		R.L.A.	8.9	12	11.5	14	17.5
		L.R.A.	29	37	54	73	87
Crankcase heater		A(W)	0.11 /0.12 (23 / 28)			0.16/0.17(33/39)	
Refrigerant control			Capillary tube				
Defrost method			Reverse cycle				
Dimensions	W	mm	870			970	
	D	mm	295			345	
	H	mm	650	850	1260		
Weight		kg	48	70	94	94	100
REFRIGERANT PIPING			Not supplied				
Refrigerant Tubing (Individually Insulated)	Liquid	in.	3/8			1/2	
	Gas	in.	5/8			3/4	
Connection Method			Flare				
Between the Indoor and Outdoor units	Height	m	40			50	
	Piping Length	m	40			50	
Refrigerant Type			R22				
REMOTE CONTROLLER	*2		With indoor unit				
Control voltage	*2		12 vdc				

*1 Rating conditions Indoor: 27° C DB, 19° C WB Outdoor: 35° C DB, 24° C WB

*2 Shielded wire with computer ground must be used in areas with high induction transients

Operating Range

		Indoor Air Intake Temperature		Outdoor Air Intake Temperature
COOLING	Maximum	35° C DB	22° C WB	46° C DB
	Minimum	19° C DB	14° F WB	-18° C DB

Units must be installed in accordance with all applicable federal, provincial and local codes and ordinances by qualified personnel