



CEILING-CONCEALED



Indoor unit

- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Adjustable Static Pressure between 0.14 to 0.6 in WG
- Easy Maintenance with Self-Diagnostic Feature
- 3 Fan Speed Settings to Deliver Precise Comfort
- Lead-Lag and Backup Function Support *†
- External Heater Interlock Function
- Auto-Restart after Power Failure
- Built-in High-Performance Drain Pump
- Pipe Length - up to 165 ft.
- Auto Change Over between Cooling & Heating
- Refrigerant Pre-Charged
- Ultra-Slim Body - less than 10" High
- 10-Year Parts and Compressor Warranty*

Indoor Unit Model Outdoor Unit Model			PEAD-A12AA7 PUZ-A12NKA7	PEAD-A18AA77 PUZ-A18NKA7	PEAD-A24AA7 PUZ-A24NHA7	PEAD-A30AA7 PUZ-A30NHA7	PEAD-A36AA7 PUZ-A36NKA7	PEAD-A42AA7 PUZ-A42NKA7		
Capacity (Min~Max)	Cooling	Btu/h	5,000 ~ 12,000	8,000 ~ 18,000	10,000 ~ 24,000	9,000 ~ 30,000	16,000 ~ 36,000	16,000 ~ 42,000		
	Heating	Btu/h	5,800 ~ 18,000	7,900 ~ 22,000	9,000 ~ 28,000	8,800 ~ 34,000	18,200 ~ 40,000	18,100 ~ 48,000		
Total Input	Cooling	W	920	1,660	2,050	3,000	3,000	3,920		
	Heating	W	1,030	1,400	1,750	2,490	2,410	3,290		
SEER	Cooling		21.1	19.9	19.6	19.1		16.1		
EER	Cooling		13	10.8	11.7	10	12	10.7		
HSPF (IV/V)	Heating		10.2 / 7.5	10.2 / 7.6	10.8 / 8	10.8 / 7.7	9.9 / 7.3	10 / 7.9		
Capacity Control	Variable Compressor Speed									
Refrigerant	R-410A									
Power Supply	Phase, cycle, voltage	1 phase, 60Hz, 208/230V								
	Breaker Size A	15		25		30				
Indoor	Dimensions (W x D x H)	W (inches)	35 7/16		43 5/16		55 1/8			
		D (inches)			28 7/8					
		H (inches)			9 7/8					
	Weight Unit	lbs (kg)	58 (26)	62 (28)	69 (31)		86 (39)	91 (41)		
	External Static Pressure	in (WG)	0.14-0.20-0.28-0.40-0.60							
	Moisture Removal	Pint/h	1.8	3.7	6.9	8.6	8.1	9		
	Sound (Lo-M2-M1-Hi)	dB(A)	28-30-34	30-33-37		30-34-39	33-38-42	36-40-44		
	MOC	A	15							
	MCA	A	1.45	1.69	2.63	2.73	3.3	3.5		
	Field Drain Pipe Size OD	in. (mm)	1 1/4 (31.75)							
Outdoor	Dimensions (W x D x H)	W (inches)	31 13/16 + 7/16		37 13/32		41 5/16			
		D (inches)	11 3/16		13 + 1-3/16		52 11/16			
		H (inches)	24 13/16		37 1/8					
	Unit Operating Range	Cooling Operating Range (Minimum/Maximum)	D.B. -18°C (0°F) D.B. 46°C (115°F)*							
		Heating Operating Range (Minimum/Maximum)	D.B. -11°C W.B. -12°C D.B. 21°C W.B. 15°C*		D.B. -20°C W.B. -20°C D.B. 21°C W.B. 15°C*					
	Weight	lbs (kg)	93 (42)	100 (45)	153 (69)		214 (97)			
	Airflow	CFM Dry	1,590		1,940		3,880			
	Sound	dB(A) cool/heat	44 / 46		47 / 48		52 / 53			
	MOC	A	28		26		31			
	MCA	A	11		19		25			
Pipe Size	Liq. X Gas	in. (mm)	1/4 (6.35) x 1/2 (12.7)		3/8 (9.52) x 5/8 (15.88)					
Max. Height Difference		Ft. (m)	100 (30)							
Max. Pipe Length		Ft. (m)	100 (30)			165 (50)				

*Requires windscreen for operation below -5°C

All test conditions based on AHRI 210 / 240.

Rating Conditions: Heating - Indoor D.B. 21.1°C(70°F) W.B. 15.6°C (60°F); Outdoor D.B. 8.3°C(8°C) W.B. 6.1°C (43°F)

*Applies when properly registered and installed by a Mitsubishi Electric MEQ Dealer. Otherwise, comes with 5-year parts and 7-year compressor warranty. See full warranty for details.

*† Requires Mitsubishi Electric PAR-40MAAU Controller.

