

## 6. High Static Pressure Ducted (Type E2)

### Unit specifications (B)

INDOOR		MODEL	S-224ME2E5								
PANEL		MODEL	-								
Performance test condition			ISO15042 / AS / NZS3823.1 / EN14511 / EN12102								
Power supply		Ø, Hz	1ø 50Hz (220V,230V,240V)			1ø 60Hz (220V,230V)					
		V	220	230	240	220	230	-			
C O O L I N G	Capacity	kW	22.4	22.4	22.4	22.4	22.4	-			
		BTU/h	76400	76400	76400	76400	76400	-			
		kcal/h(Fri./h)	-	-	-	-	-	-			
	Current	A	2.55	2.45	2.35	2.55	2.45	-			
	Input power	W	440	440	440	440	440	-			
	Annual consumption	W *4	-	-	-	-	-	-			
	EER/EER CLASS	(W/W)*5("A"~"G")	-	-	-	-	-	-			
	EER	BTU/hW	-	-	-	-	-	-			
	Power factor	%	78	78	78	78	78	-			
	N o i s e	Noise indoor (H/M/L)	dB-A	45/43/41			45/43/41				
Power Level dB			77/75/73			77/75/73					
Noise outdoor (H/L)		dB-A	-			-					
		Power Level dB	-			-					
H E A T I N G	Capacity	kW	25.0	25.0	25.0	25.0	25.0	-			
		BTU/h	85300	85300	85300	85300	85300	-			
		kcal/h(Fri./h)	-	-	-	-	-	-			
	Current	A	2.55	2.45	2.35	2.55	2.45	-			
	Input power	W	440	440	440	440	440	-			
	COP/COP CLASS	(W/W)*5("A"~"G")	-	-	-	-	-	-			
	COP	BTU/hW	-	-	-	-	-	-			
	Power factor	%	78	78	78	78	78	-			
	N o i s e	Noise indoor (H/M/L)	dB-A	45/43/41			45/43/41				
			Power Level dB	77/75/73			77/75/73				
Noise outdoor (H/L)		dB-A	-			-					
		Power Level dB	-			-					
EXTRA LOW TEMP	Capacity(kW) / Input power(W) / COP		-								
Cooling	Max Current(A) / Max Input power(W)		6.90 / 1.27k	6.60 / 1.27k	6.60 / 1.27k	6.90 / 1.27k	6.60 / 1.27k	-			
Heating	Max Current(A) / Max Input power(W)		6.90 / 1.27k	6.60 / 1.27k	6.60 / 1.27k	6.90 / 1.27k	6.60 / 1.27k	-			
Starting current(A) / Comp output(W)			-	-	-	-	-	-			
Network Impedance(ΩMAX.) *3			-								
Fan motor output (Indoor/Outdoor) W			560 × 2 /		-	560 × 2 /		-			
Moisture removal volume		L/h(Pt/h)	12.4 (26.0)			12.4 (26.0)					
External static pressure			140 (MAX 270)			140 (MAX 270)					
Indoor Air flow	Cooling	m³/min(m³/h)(H/M/L)	56/51/44 (3360/3060/2640)			56/51/44 (3360/3060/2640)					
	Heating	m³/min(m³/h)(H/M/L)	56/51/44 (3360/3060/2640)			56/51/44 (3360/3060/2640)					
Outdoor Air flow	Cooling	m³/min (ft³/min)	-			-					
	Heating	m³/min (ft³/min)	-			-					
Refrigerant type / amount g(oz)			R410A,-			R410A,-					
Product dimension	Height mm(inch)		479 (18-27/32)			479 (18-27/32)					
	Width mm(inch)		1453 (57-7/32)			1453 (57-7/32)					
	Depth mm(inch)		1205 (47-7/16)			1205 (47-7/16)					
Packing dimension	Height mm(inch)		614 (24-3/16)			614 (24-3/16)					
	Width mm(inch)		1536 (60-15/32)			1536 (60-15/32)					
	Depth mm(inch)		1339 (52-23/32)			1339 (52-23/32)					
Weight	(NET) kg(lb)		102 (252)			102 (252)					
	(GROSS) kg(lb)		135 (298)			135 (298)					
Layers limit (actually)			4 (5)			4 (5)					
Operation condition	Cool (DBT)		-			-					
	Heat (DBT)		-			-					
P I P E I N G	Pipe diameter mm (inch)		(Liquid) ø9.52 (3/8) (Gas) ø19.05 (3/4)			(Liquid) ø9.52 (3/8) (Gas) ø19.05 (3/4)					
	Connecting method,STD Length m (ft)		(Liquid) flared type (Gas) Brazing			(Liquid) flared type (Gas) Brazing					
	Pipe length range m (ft)		-			-					
	Indoor unit & Outdoor unit height difference m (ft)		-			-					
	Add gas amount g/m (oz/ft)		-			-					
Pipe length for additional gas m (ft)			-			-					

\*3: Network Impedance shall be applicable for EUROPE and CHINA models.

\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5: EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

## 6. High Static Pressure Ducted (Type E2)

### Unit specifications (C)

INDOOR		MODEL		S-280ME2E5					
PANEL		MODEL		-					
Performance test condition		ISO15042 / AS / NZS3823.1 / EN14511 / EN12102							
Power supply		Ø, Hz		1ø 50Hz (220V,230V,240V)		1ø 60Hz (220V,230V)			
		V		220		230		240	
		kW		28.0		28.0		28.0	
		BTU/h		95500		95500		95500	
		kcal/h(Fri./h)		-		-		-	
Capacity		A		3.95		3.85		3.70	
Current		W		715		715		715	
Input power		W *4		-		-		-	
Annual consumption		EER/EER CLASS		(W/W)*5/("A"~"G")		-		-	
EER		BTU/hW		-		-		-	
Power factor		%		82		81		81	
Noise indoor (H/M/L)		dB-A		49/47/43		49/47/43			
		Power Level dB		81/79/75		81/79/75			
Noise outdoor (H/L)		dB-A		-		-			
		Power Level dB		-		-			
HEATING		kW		31.5		31.5		31.5	
		BTU/h		107500		107500		107500	
		kcal/h(Fri./h)		-		-		-	
Capacity		A		3.95		3.85		3.70	
Current		W		715		715		715	
Input power		COP/COP CLASS		(W/W)*5/("A"~"G")		-		-	
COP		BTU/hW		-		-		-	
Power factor		%		82		81		81	
Noise indoor (H/M/L)		dB-A		49/47/43		49/47/43			
		Power Level dB		81/79/75		81/79/75			
Noise outdoor (H/L)		dB-A		-		-			
		Power Level dB		-		-			
EXTRA LOW TEMP		Capacity(kW) / Input power(W) / COP		-		-			
Cooling		Max Current(A) / Max Input power(W)		7.30 / 1.66k		7.30 / 1.74k		7.30 / 1.81k	
Heating		Max Current(A) / Max Input power(W)		7.30 / 1.66k		7.30 / 1.74k		7.30 / 1.81k	
Starting current(A) / Comp output(W)		-		-		-		-	
Network Impedance(ΩMAX.) *3		-		-		-			
Fan motor output (Indoor/Outdoor) W		750 × 2		/		-		750 × 2	
Moisture removal volume		L/h(Pt/h)		15.6 (32.8)		15.6 (32.8)			
External static pressure		Pa		140 (MAX 270)		140 (MAX 270)			
Indoor Air flow		Cooling		m <sup>3</sup> /min(m <sup>3</sup> /h)(H/M/L)		72/63/53 (4320/3780/3180)		72/63/53 (4320/3780/3180)	
		Heating		m <sup>3</sup> /min(m <sup>3</sup> /h)(H/M/L)		72/63/53 (4320/3780/3180)		72/63/53 (4320/3780/3180)	
Outdoor Air flow		Cooling		m <sup>3</sup> /min (ft <sup>3</sup> /min)		-		-	
		Heating		m <sup>3</sup> /min (ft <sup>3</sup> /min)		-		-	
Refrigerant type / amount g(oz)		R410A,-		R410A,-		R410A,-			
Product dimension		Height mm(inch)		479 (18-27/32)		479 (18-27/32)			
		Width mm(inch)		1453 (57-7/32)		1453 (57-7/32)			
		Depth mm(inch)		1205 (47-7/16)		1205 (47-7/16)			
Packing dimension		Height mm(inch)		614 (24-3/16)		614 (24-3/16)			
		Width mm(inch)		1536 (60-15/32)		1536 (60-15/32)			
		Depth mm(inch)		1339 (52-23/32)		1339 (52-23/32)			
Weight		(NET) kg(lb)		106 (234)		106 (234)			
		(GROSS) kg(lb)		139 (307)		139 (307)			
Layers limit (actually)		4 (5)		4 (5)		4 (5)			
Operation condition		Cool (DBT)		-		-			
		Heat (DBT)		-		-			
PIPE		Pipe diameter mm (inch)		(Liquid) ø9.52 (3/8) (Gas) ø22.22 (7/8)		(Liquid) ø9.52 (3/8) (Gas) ø22.22 (7/8)			
		Connecting method,STD Length m (ft)		(Liquid) flared type (Gas) Brazing		(Liquid) flared type (Gas) Brazing			
		Pipe length range m (ft)		-		(-)		-	
		Indoor unit & Outdoor unit height difference m (ft)		-		-		-	
		Add gas amount g/m (oz/ft)		-		-		-	
		Pipe length for additional gas m (ft)		-		-		-	

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\*4: The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

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\*: In case it is necessary to indicate the air flow volume in (l/s), the value in (m<sup>3</sup>/min.) shall be multiplied by 16.7 and rounded down the decimal point.

\*: If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.