

Binnenunit	CL09F N50	CL12F N50	CL18F N60	CL24F N30
Productgroep	241	241	241	241
Artikelnummer binnenunit	459.631	459.632	459.633	459.634
Prijs binnenunit	€			

COMBINATIE

	CL09F N50	CL12F N50	CL18F N60	CL24F N30
Chassis code	L2	L2	L3	L3
Koelcapaciteit Min. / Nom. ⁽¹⁾ / Max.	kW	1,5/2,5/3,2	1,5/3,4/4,7	2,0/5,0/5,8
Verwarmingscapaciteit Min. / Nom. ⁽²⁾ / Max.	kW	1,8/3,2/4,0	1,8/4,0/4,9	2,3/5,8/6,7
Verwarmingscapaciteit bij -7°C / -10°C	kW	3,50/3,12	4,40/4,07	6,70/6,20
Luchtdebiet koelen Laag/Midden/Hoog	M³/h	480/570/690	480/570/690	600/720/900
Luchtdebiet verwarmen Laag/Midden/Hoog	M³/h	480/570/690	480/570/690	600/720/900
Externe statische druk Min./Max.	Pa	0-25	0-25	0-25
Ontvochtiging	ltrs/h	0,2	0,8	1,6
Geluidsdrukkniveau ⁽³⁾ Laag/Midden/Hoog	dB(A)	27/30/35	27/30/35	29/31/34
Geluidsvermogen Max.	dB	55	55	56
Afmetingen (BxDxH)	mm	900x460x190	900x460x190	1.100x460x190
Gewicht	kg	18,0	18,0	20,9

Energie gegevens				
SCOP		4,30	3,71	3,28
Jaarlijks energieverbruik koelen / verwarmen ⁽⁴⁾	kWh	143/1.015	213/1.068	287/1.472
Energielabel koelen / verwarmen		A++ / A+	A+ / A	A++ / A

Koeltechnisch				
Koelleiding diameter vloeistof	mm(inch)	6,35(1/4)	6,35(1/4)	6,35(1/4)
Koelleiding diameter gasleiding	mm(inch)	9,52(3/8)	9,52(3/8)	12,7(1/2)
Min./Max. leidinglengte	Mtr.	5,0 / 20,0	5,0 / 20,0	5,0 / 30,0
Max. hoogteverschil binnen / buitenunit	Mtr.	10	15	30
Nominale koudemiddelvulling	kg	0,90	0,90	1,10
Standaard voorgevuld tot	Mtr.	7,5	7,5	7,5
Bijvulling per meter	gram	20	20	20
GWP		675	675	675
T-CO ₂ Equivalent		0,61	0,675	0,81

Algemeen				
Condensafvoer aansluitdiameter Bi/Bu	mm Ø	26/32	26/32	26/32
Condenspomp aanwezig		Ja	Ja	Ja

Bediening	PREMTB001	PREMTB001	PREMTB001	PREMTB001
Artikelnummer	456.139	456.139	456.139	456.139
Prijs				

Buitenunit	UUA1 ULO	UUA1 ULO	UUB1 U20	UUC1 U40
Artikelnummer	459.601	459.601	459.602	459.603
Prijs	€			

COMBINATION				9	12	18	24
Capacity	Cooling	Min. / Rated / Max.	kW	15 / 25 / 32	1.5 / 34 / 47	20 / 50 / 58	27 / 68 / 78
	Heating	Min. / Rated / Max.	kW	18 / 32 / 40	1.8 / 40 / 49	23 / 58 / 67	30 / 75 / 90
Power Input (Set)	Cooling	Min. / Rated / Max.	kW	0.30 / 0.67 / 0.93	0.33 / 1.05 / 1.84	0.3 / 1.35 / 1.89	0.4 / 2.03 / 2.84
	Heating	Min. / Rated / Max.	kW	0.38 / 0.75 / 1.63	0.33 / 1.08 / 1.63	0.4 / 1.77 / 2.48	0.4 / 2.13 / 3.30
Running Current	Cooling	Rated	A	30	47	75	90
	Heating	Rated	A	33	48	83	94
EER / COP			kWh / kWh	380 / 430	323 / 371	371 / 328	335 / 352
SEER / SCOP			kWh / kWh	6.1 / 4.0	5.6 / 3.8	6.1 / 3.9	6.2 / 3.9
Pdesign	Cooling @ 35°C		kW	25	34	5	6.8
	Heating @ -10°C		kW	29	29	4.1	5.4
Seasonal Energy Label	Cooling / Heating		-	A++ / A+	A+ / A	A++ / A	A++ / A
Annual Energy Consumption	Cooling / Heating		kWh	143 / 1,015	213 / 1,068	287 / 1,472	384 / 1,938
Dehumidification Rate			l/h	02	0.8	1.6	2.5
ODU Sound Pressure Level	Cooling / Heating	Rated	dB(A)	49 / 52	49 / 52	47 / 52	48 / 52
ODU Sound Power Level	Cooling	Rated	dB(A)	65	65	63	65
Piping Connections	Liquid		mm (inch)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø6.35 (1/4)	Ø9.52 (3/8)
	Gas		mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.7 (1/2)	Ø15.88 (5/8)
	Connections Method		-	Flared	Flared	Flared	Flared
Operation Range (Outdoor)	Cooling	Min. / Max.	°C	-15 / 50	-15 / 50	-15 / 50	-20 / 50
	Heating	Min. / Max.	°C	-20 / 18	-20 / 18	-20 / 18	-20 / 18
INDOOR				CL09F N50	CL12F N50	CL18F N60	CL24F N30
Power Supply			Ø / V / Hz	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50	1 / 220-240 / 50
Power Input (IDU)		H / M / L	W	21 / 15 / 13	21 / 15 / 13	100 / 90 / 80	150 / 130 / 110
Air Flow Rate		H / M / L	m³/min	11.5 / 9.5 / 8	11.5 / 9.5 / 8	15 / 12 / 10	20 / 16 / 12
Dimensions	Body	W x H x D	mm	900 x 190 x 460	900 x 190 x 460	1,100 x 190 x 460	1,100 x 190 x 700
Weight	Body		kg	18.0	18.0	20.9	26.0
Sound Pressure Level	Cooling	H / M / L	dB(A)	35 / 30 / 27	35 / 30 / 27	34 / 31 / 29	39 / 35 / 32
Sound Power Level	Cooling	Max.	dB(A)	55	55	56	58
Piping Connections	Drain	O.D. / I.D.	mm	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0	Ø32.0 / 26.0
OUTDOOR				UUA1 ULO		UUB1 U20	UUC1 U40
Power Supply			Ø / V / Hz	1 / 220-240 / 50		1 / 220-240 / 50	1 / 220-240 / 50
Circuit Breaker		Min.	A	15		20	25
Power Supply Cable (Included Earth)			No x mm³	3C x 1.5		3C x 2.5	3C x 2.5
Dimensions	Net	W x H x D	mm	770 x 545 x 288		870 x 650 x 330	950 x 834 x 330
Weight	Net		kg	33.3		44.5	57.7
Compressor	Type		-	Twin Rotary		Twin Rotary	Twin Rotary
Refrigerant	Type		-	R32		R32	R32
	GWP (Global Warming Potential)		-	675		675	675
	Precharged Amount		kg	1.0		1.2	1.9
	t-CO ₂ eq		-	0.675		0.81	1.283
	Additional Charge (After 7.5m)		g/m	20		20	40
Fan	Air Flow Rate	Rated	m³/min x No.	28 x 1		50 x 1	58 x 1
Total Piping Length		Min. / Max.	m	5 / 30		5 / 30	5 / 50
Piping Elevation	IDU - ODU	Max.	m	30		30	30