



Introducing the
**High Static Ducted
Systems Range**

Life's Good.

01

R1 Compressor™

R1 Compressor is one that combines high-efficiency and the simple compressing structure.

- Assuring Higher Durability
- Lower Noise
- Lower Vibration
- Improve Reliability & Performance

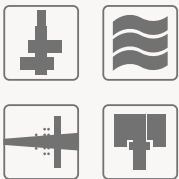


02

Twin Rotary Inverter Compressor

Twin Rotary Inverter Compressor consists of stable and optimised structures with low vibration and low noise characteristic

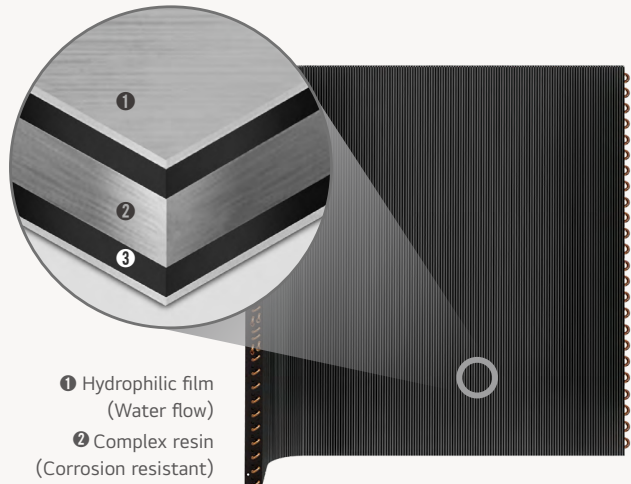
- Twin Rotor
- Refrigerant Cycle Optimisation
- Surface Coating
- Concentric Motor



03

Black Fin

Longer Lifespan, Lower Maintenance Costs

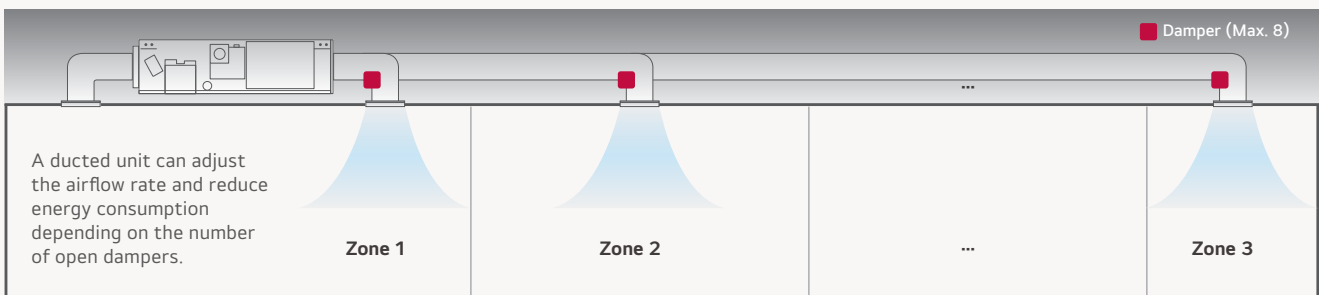


- ① Hydrophilic film (Water flow)
- ② Complex resin (Corrosion resistant)
- ③ Aluminum Fin

04

AUTO External Static Pressure + Zone Control (On/Off)

High Static Ducted unit can control airflow depending on the number of opening dampers. (Plug & Play (24V) PBZD80)



UHN85B7 / UHN100B7

UU85WR3 / UU100WR3


PRICE				
CATEGORY	INDOOR		UHN85B7	UHN100B7
	OUTDOOR		UU85WR3	UU100WR3
COMBINATIONAL SPECIFICATION		UNIT		
Cooling Capacity	Rated ²⁾	kW	8.80	10.50
	Min ~ Max	kW	2.50 ~ 9.60	3.20 ~ 13.00
Heating Capacity	Rated ²⁾	kW	9.40	13.00
	Min ~ Max	kW	2.70 ~ 11.10	3.40 ~ 13.70
AEER			3.384	3.749
ACOP			4.017	4.126
Rated Current	Cooling	A	11.40	12.20
	Heating	A	10.30	13.80
Full Load Amps		A	17.0	29.0
Air Flow Rate	Rated	L/s	533	700
Air Flow Rate	Min ~ Max	L/s	267 ~ 693	373 ~ 910
External Static Pressure	Min ~ Max	Pa	50 ~ 200	50 ~ 200
Indoor	Net (W x H x D)	mm	1,320 x 400 x 534	1,320 x 400 x 534
	Net Weight	kg	47.6	47.6
	Cooling ((SH)/H/M/L)	dB(A)	- / 41.0 / 40.0 / 39.0	- / 43.0 / 41.0 / 40.0
Outdoor	Net (W x H x D)	mm	950 x 834 x 330	950 x 1,380 x 330
	Net Weight	kg	59.0	89.0
	Cooling / Heating (@ 1.5 m height)	dB(A)	51.0 / 52.0	53.0 / 54.0
Power Supply		Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Twin Rotary	Inverter Scroll
	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
	Pre-charge Length	m	10	20
Pipe size	Liquid	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm(inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch)	Ø32 (1-1/4) / 25 (31/32)	Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m	7.5 / 50 / 5.0	7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m	30	30
Supply Air Opening	H x W, Flange (Discharge)	mm	287 x 840	287 x 840
Return Air Opening	H x W, Flange	mm	317 x 1,172	317 x 1,172
Continuous Operation	Cooling	°C (DB)	-15 ~ 48	-15 ~ 48
	Heating	°C (WB)	-18 ~ 18	-18 ~ 18
Wi-Fi Compatible ⁴⁾			Optional	Optional

Note:

1. Specifications are correct at the time of printing and may be changed without notice.

2. Capacities are based on following conditions.

- Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB
- Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.

UHN125B7 / UHN150B7

UU125WR3 / UU150WR3


PRICE				
CATEGORY	INDOOR		UHN125B7	UHN150B7
	OUTDOOR		UU125WR3	UU150WR3
COMBINATIONAL SPECIFICATION		UNIT		
Cooling Capacity	Rated ²⁾	kW	12.50	15.00
	Min ~ Max	kW	4.00 ~ 14.80	4.80 ~ 15.80
Heating Capacity	Rated ²⁾	kW	15.00	17.00
	Min ~ Max	kW	4.00 ~ 16.50	4.80 ~ 18.00
AEER			3.679	3.228
ACOP			3.899	3.596
Rated Current	Cooling	A	14.90	20.40
	Heating	A	16.90	20.80
Full Load Amps		A	29.0	29.0
Air Flow Rate	Rated	L/s	833	1000
Air Flow Rate	Min ~ Max	L/s	480 ~ 1,083	533 ~ 1,300
External Static Pressure	Min ~ Max	Pa	60 ~ 200	60 ~ 200
Indoor	Net (W x H x D)	mm	1,320 x 400 x 534	1,320 x 400 x 534
	Net Weight	kg	50.6	50.6
	Cooling ((SH)/H/M/L)	dB(A)	- / 44.0 / 42.0 / 41.0	- / 45.0 / 44.0 / 42.0
Outdoor	Net (W x H x D)	mm	950 x 1,380 x 330	950 x 1,380 x 330
	Net Weight	kg	89.0	89.0
	Cooling / Heating (@ 1.5 m height)	dB(A)	53.0 / 54.0	54.0 / 56.0
Power Supply		Ø, Hz, V	1, 50 Hz, 220-240 V	1, 50 Hz, 220-240 V
Compressor	Type	-	Inverter Scroll	Inverter Scroll
	Motor Type	-	BLDC	BLDC
Heat Exchanger	Fin Type	-	Wide Louver Plus	Wide Louver Plus
	Corrosion Protection (Coating)	-	Black 2	Black 2
Refrigerant	Type	-	R32	R32
	Pre-charge Length	m	20	20
Pipe size	Liquid	mm(inch)	Ø9.52 (3/8)	Ø9.52 (3/8)
	Gas	mm(inch)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Drain Pipe (Drain Pump) OD/ID	mm(inch)	Ø32 (1-1/4) / 25 (31/32)	Ø32 (1-1/4) / 25 (31/32)
Piping Length	IDU - ODU (Rated / Max / Min)	m	7.5 / 85 / 5.0	7.5 / 85 / 5.0
Maximum Height Difference	IDU - ODU (Max)	m	30	30
Supply Air Opening	H x W, Flange (Discharge)	mm	287 x 840	287 x 840
Return Air Opening	H x W, Flange	mm	317 x 1,172	317 x 1,172
Continuous Operation	Cooling	°C (DB)	-15 ~ 48	-15 ~ 48
	Heating	°C (WB)	-18 ~ 18	-18 ~ 18
Wi-Fi Compatible ⁴⁾			Optional	Optional

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- Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB

3. This product contains fluorinated greenhouse gases. (R32)

4. (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required

B62AWYN9L6 / B70AWYN9L6

B62AWYU7L6 / B70AWYU7L6


PRICE				
CATEGORY	INDOOR		B62AWYN9L6	B70AWYN9L6
	OUTDOOR		B62AWYU7L6	B70AWYU7L6
COMBINATIONAL SPECIFICATION			UNIT	
Rated Capacity ²⁾	Cooling	kW	18	20
	Heating	kW	20.6	22.6
Rated Power Input	Cooling	kW	5.47	6.47
	Heating	kW	5.49	6.19
AEER	Cooling		3.29 (EER)	3.09 (EER)
	Heating		3.75 (COP)	3.65 (COP)
Rated Current	Cooling	A	9.3	10.9
	Heating	A	9.6	10.5
Full Load Amps		A	24	24
Air Flow Rate		L/s	1,067 ~ 1,333	1,067 ~ 1,333
External Static Pressure		Pa	59 ~ 176	59 ~ 176
Indoor	Sound Level at 1.5 m	Pressure dB(A)	43.0 / 41.0 / 40.0	43.0 / 41.0 / 40.0
	Dimensions	mm	1,563 x 458 x 791	1,563 x 458 x 791
	Weight	kg	92.7	92.7
Outdoor	Sound Level at 1.5 m	Pressure dB(A)	59 / 60	59 / 60
	Sound Power Level	dB(A)	71	71
	Dimensions	mm	1,090 × 1,625 × 380	1,090 × 1,625 × 380
	Weight	kg	139	139
Power Supply		∅, Hz, V	380-415, 3, 50	380-415, 3, 50
Circuit Breaker		A	30	30
Compressor Type			Hermetically Sealed Scroll	Hermetically Sealed Scroll
Heat Exchanger	Type		Wide Louver Plus	Wide Louver Plus
	Corrosion Protection (Coating)		Gold	Gold
Refrigerant ³⁾	Type		R410A	R410A
	Pre-charge Length	m	15	15
Pipe size	Liquid	mm(inch)	∅12.7 (1/2)	∅12.7 (1/2)
	Gas	mm(inch)	∅22.2 (7/8)	∅22.2 (7/8)
	Drain OD/ID (Drain Pump)	mm	∅32 / 25	∅32 / 25
Max. Piping Length		m	75	75
Max. Height Difference	ODU - IDU	m	30	30
Supply Air Opening	H x W, Flange (Discharge)	mm	286 x 1,044	286 x 1,044
Return Air Opening	H x W, Flange	mm	392 x 1,368	392 x 1,368
Continuous Operation	Cooling	°C (DB)	-15 ~ 48	-15 ~ 48
	Heating	°C (WB)	-15 ~ 48	-15 ~ 48
Wi-Fi Compatible ⁴⁾			Optional	Optional

Note:

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- Capacities are based on following conditions.
 - Cooling: Indoor Temp 29°C DB / 19°C WB, Outdoor Temp 35°C DB / 24°C WB
 - Heating: Indoor Temp 20°C DB, Outdoor Temp 7°C DB / 6°C WB
- This product contains fluorinated greenhouse gases. (R410A)
- (Sold separately) Dongle required for Wi-Fi Connectivity. Internet connection required.