

Ceiling & Floor (18000 BTU)

ALCF-H18/NDR3HA

AUX
AIR CONDITIONER



Light Commercial DC Inverter

SPECIFICATIONS

Model	Indoor		ALCF-H18/NDR3HA	
	Outdoor		AL-H18/NDR3HA(U)	
Capacity	Cooling/Heatin	Btu/h	18000(5200-19100)/19100(4800-21200)	
		kW	5.00(1.53-5.60)/5.60(1.40-6.20)	
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	
	Cooling/Heating Power Input	kW	1.63(0.47~2.30)/1.73(0.46-2.25)	
	Rate Current Cooling/Heating	A/A	7.16(2.25-10.10)/7.60(2.20-9.88)	
Performance	SEER/SCOP	W/W	6.2/4.1	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	900/730/650	
	Sound Pressure Noise Level	dB(A)	45/40/34	
	Sound Power Noise Level	dB(A)	55	
Dimension (WxDxH)	Net	mm	930×660×205	
	Packing	mm	1010×720×290	
Weight	Net/Gross	kg	25/28	
Applicable Area		m ²	21-35	
	Max. Refrigerant Pipe Length/Difference in Level	m	30/20	
	Piping - Liquid Side/Gas Side	mm	1/4 - 1/2	

4D Air Swing

Vertical and horizontal swing makes air below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina

Ceiling & Floor (24000 BTU)

ALCF-H24/NDR3HA

AUX
AIR CONDITIONER



Light Commercial

DC Inverter

SPECIFICATIONS

Model	Indoor		ALCF-H24/NDR3HA	
	Outdoor		AL-H24/NDR3A(U)	
Capacity	Cooling/Heatin	Btu/h	24000(7400-28000)/27300(6800-31700)	
		kW	7.00(2.16-8.20)/8.00(1.98-9.30)	
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	
	Cooling/Heating Power Input	kW	2.25(0.67-3.56)/2.10(0.65-3.62)	
	Rate Current Cooling/Heating	A/A	9.88(3.21-15.63)/9.22(3.11-15.90)	
Performance	SEER/SCOP	W/W	6.2/4.1	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	1300/1052/920	
Dimension (WxDxH)	Net	mm	1280×660×205	
	Packing	mm	1360×720×290	
Weight	Net/Gross	kg	32/38	
		Applicable Area	m ²	28-47
Max. Refrigerant Pipe Length/Difference in Level		m	50/25	
Piping - Liquid Side/Gas Side		mm	3/8 - 5/8	

FEATURES

■ optional ■ standard



Remote Control



3D Air Flow



Auto Restart Function



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Long-term Filter



Low Ambient Cooling



WIFI Control



Wired Control



Central Control



Golden Fin

4D Air Swing

Vertical and horizontal swing makes air flow below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height.

Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina

Ceiling & Floor (36000 BTU)

ALCF-H36/NDR3HA

AUX
AIR CONDITIONER



Light Commercial DC Inverter

SPECIFICATIONS

Model	Indoor		ALCF-H36/NDR3HA	
	Outdoor		AL-H36/NDR3A(U)	
Capacity	Cooling/Heatin	Btu/h	36000(9800-44300)/38000(8800-46000)	
		kW	10.55(2.9-13.0)/11.15(2.6-13.5)	
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	
	Cooling/Heating Power Input	kW	3.4(0.71-4.71)/3.45(0.47-4.13)	
	Rate Current Cooling/Heating	A/A	15.0(3.20-21.50)/15.5(2.43-18.0)	
Performance	SEER/SCOP	W/W	6.2/4.0	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	1800/1550/1350	
Dimension (WxDxH)	Net	mm	1631×660×205	
	Packing	mm	1710×720×290	
Weight	Net/Gross	kg	44/50	
	Applicable Area	m ²	56-93	
Max. Refrigerant Pipe Length/Difference in Level		m	65/30	
Piping - Liquid Side/Gas Side		mm	3/8 - 5/8	

FEATURES

■ optional ■ standard



Remote Control



3D Air Flow



Auto Restart Function



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Long-term Filter



Low Ambient Cooling



WIFI Control



Wired Control



Central Control



Golden Fin

4D Air Swing

Vertical and horizontal swing makes air flow below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina

Ceiling & Floor (42000 BTU)

ALCF-H42/NDR3HA

AUX
AIR CONDITIONER



Light Commercial DC Inverter

SPECIFICATIONS

Model	Indoor	ALCF-H42/NDR3HA		
	Outdoor	AL-H42/NDR3A(U)		
Capacity	Cooling/Heatin	Btu/h	42000(9800-46000)/46000(8800-51100)	
		kW	12.1(2.9-13.5)/13.5(2.6-13.5)	
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	
	Cooling/Heating Power Input	kW	4.37(0.71-5.10)/4.6(0.47-4.53)	
	Rate Current Cooling/Heating	A/A	19.0(3.2-22.3)/20.0(2.43-19.7)	
Performance	SEER/SCOP	W/W	6.1/4.0	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	1800/1550/1350	
	Sound Pressure Noise Level	dB(A)	53/50/47	
Dimension (WxDxH)	Net	mm	1631×660×205	
	Packing	mm	1710×720×290	
Weight	Net/Gross	kg	44/50	
Applicable Area		m ²	60/103	
	Max. Refrigerant Pipe Length/Difference in Level	m	65/30	
	Piping - Liquid Side/Gas Side	mm	3/8 - 5/8	

4D Air Swing

Vertical and horizontal swing makes air flow below to every corner of the room.

Ultra Slim Design

The thickness is only 205mm, save installation space

Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



FEATURES

■ optional ■ standard



Remote Control



3D Air Flow



Auto Restart Function



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Long-term Filter



Low Ambient Cooling



WIFI Control



Wired Control



Central Control



Golden Fin



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina

Ceiling & Floor (48000 BTU)

ALCF-H48/NDR3HA

AUX
AIR CONDITIONER



Light Commercial

DC Inverter

SPECIFICATIONS

Model	Indoor		ALCF-H48/NDR3HA	
	Outdoor		AL-H48/NDR3A(U)	
Capacity	Cooling/Heatin	Btu/h	48000(14000-54600)/55000(15700-59700)	
		kW	14.0(4.10-16.0)/16.0(4.60-17.50)	
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	
	MAX. Input Consumption	W	4950	
	Max. Current	A	21.5	
Performance	SEER/SCOP	W/W	6.1/4.0	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	1900/1600/1400	
	Sound Pressure Noise Level	dB(A)	54/50/46	
	Sound Power Noise Level	dB(A)	64	
Dimension (WxDxH)	Net	mm	1630×660×205	
	Packing	mm	1710×720×290	
Weight	Net/Gross	kg	44/50	
Applicable Area		m ²	64/107	
	Max. Refrigerant Pipe Length/Difference in Level	m	65/30	
	Piping - Liquid Side/Gas Side	mm	3/8 - 5/8	

FEATURES

■ optional ■ standard



Remote Control



3D Air Flow



Auto Restart Function



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Long-term Filter



Low Ambient Cooling



WIFI Control



Wired Control



Central Control



Golden Fin

4D Air Swing

Vertical and horizontal swing makes air flow below to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina

Ceiling & Floor (60000 BTU)

ALCF-H60/NDR3HA

AUX
AIR CONDITIONER



Light Commercial DC Inverter

SPECIFICATIONS

Model	Indoor		ALCF-H60/NDR3HA	
	Outdoor		AL-H60/NDR3A(U)	
Capacity	Cooling/Heatin	Btu/h	52000(15890-55290)/58000(15615-590000)	
		kW	15.7(4.80-16.7)/17.0(4.90-18.50)	
Electric Data	Power Supply	V~,Hz,Ph	380~415,50,3	
	MAX. Input Consumption	W	5800	
	Max. Current	A	25.2	
Performance	SEER/SCOP	W/W	6.1/4.0	
	ERP Energy Efficiency Class		A++/A+	
	Air Flow Volume	m ³ /h	1900/1600/1400	
	Sound Pressure Noise Level	dB(A)	54/50/46	
	Sound Power Noise Level	dB(A)	64	
Dimension (WxDxH)	Net	mm	1630×660×205	
	Packing	mm	1710×720×290	
Weight	Net/Gross	kg	44/50	
Applicable Area		m ²	64/107	
	Max. Refrigerant Pipe Length/Difference in Level	m	65/30	
	Piping - Liquid Side/Gas Side	mm	3/8 - 5/8	

FEATURES

■ optional ■ standard



Remote Control



3D Air Flow



Auto Restart Function



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Long-term Filter



Low Ambient Cooling



WIFI Control



Wired Control



Central Control



Golden Fin

4D Air Swing

Vertical and horizontal swing makes air flow to every corner of the room.



Ultra Slim Design

The thickness is only 205mm, save installation space



Innovative Centrifugal Fan

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



Flexible Installation

Can be vertically installed against the wall or horizontally installed under the ceiling.



opticlina