

High Static Pressure Fan & Coil AVANTGARDE SERIES

220V-1F-60HZ | Frío - Calor



SUBMITTAL

VRF

CARACTERÍSTICAS DEL EQUIPO

Modo de Operación

- Auto
- Frío
- Secado
- Calor
- Abanico

Refrigerante

R-410A



REV.00-0524

*Imágenes con fines ilustrativos.

CAPACIDADES

IMV-ND22PHS/D-T	0.62 TR.	IMV-ND50PHS/D-T	1.42 TR.	IMV-ND112PHS/D-T	3.18 TR.
IMV-ND25PHS/D-T	0.71 TR.	IMV-ND56PHS/D-T	1.59 TR.	IMV-ND125PHS/D-T	3.55 TR.
IMV-ND28PHS/D-T	0.79 TR.	IMV-ND63PHS/D-T	1.79 TR.	IMV-ND140PHS/D-T	3.98 TR.
IMV-ND32PHS/D-T	0.90 TR.	IMV-ND71PHS/D-T	2.01 TR.	IMV-ND160PHS/D-T	4.54 TR.
IMV-ND36PHS/D-T	1.02 TR.	IMV-ND80PHS/D-T	2.27 TR.	IMV-ND180PHS/D-T	5.11 TR.
IMV-ND40PHS/D-T	1.13 TR.	IMV-ND90PHS/D-T	2.55 TR.		
IMV-ND45PHS/D-T	1.27 TR.	IMV-ND100PHS/D-T	2.80 TR.		

CARACTERÍSTICAS DEL FAN & COIL ALTA ESTÁTICA VRF

- Amplio rango de capacidades.
- Motor ventilador de 3 velocidades: baja, media, alta.
- Equipo cuenta con caja plenum y filtro de retorno lavable.

ACCESORIOS DE FÁBRICA



IC-XK46

- Diseño de gran tamaño 112mm.
- Botones Táctiles con Pantalla Iluminada.
- Diseño de estructura a Prueba de Humedad.
- Control Remoto con Recepción de Infrarrojos.
- Además de las funciones básicas del Controlador, también se pueden configurar funciones tales como Temporizador, Modo de Sueño y Recordatorio de Limpieza de Filtro.

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND22PHS/D-T	IMV-ND25PHS/D-T	IMV-ND28PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	2.2	2.5	2.8
Cooling Capacity	kBtu/h	7.51	8.53	9.55
Heating Capacity	kW	2.5	2.8	3.2
Heating Capacity	kBtu/h	8.53	9.55	10.92
Air flow volume(H)	CFM	324	324	324
Air flow volume(M)	CFM	282	282	282
Air flow volume(L)	CFM	235	235	235
ESP	Pa	50/0~80	50/0~80	50/0~80
Sound Pressure Level (H)	dB(A)	35	35	35
Sound Pressure Level (M)	dB(A)	31	31	31
Sound Pressure Level (L)	dB(A)	29	29	29
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	80	80	80
Fan Motor Power Input	W	50	50	50
Fan Motor Running Current	A	0.4	0.4	0.4
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	3/8	3/8	3/8
Liquid pipe	inch	1/4	1/4	1/4
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	700	700	700
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	30.5	30.5	30.5
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.05	0.05	0.05
Heating Power Input	kW	0.05	0.05	0.05
Cooling Current Input	A	0.4	0.4	0.4
Heating Current Input	A	0.4	0.4	0.4
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	1	1	1
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG80C-ZL	B-FG80C-ZL	B-FG80C-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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Model		IMV-ND22PHS/D-T	IMV-ND25PHS/D-T	IMV-ND28PHS/D-T
Fan Motor Speed	rpm	830/730/610	830/730/610	830/730/610
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.12	0.12	0.12
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	2	2	2
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	16	16	16
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	3	3	3
Evaporator Length(L) ×Width(W)×Height(H)	mm	452×267×25.4	452×267×25.4	452×267×25.4
Condenser Fin Pitch	mm	1.6	1.6	1.6

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CARACTERÍSTICAS TÉCNICAS

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Model		IMV-ND32PHS/D-T	IMV-ND36PHS/D-T	IMV-ND40PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	3.2	3.6	4
Cooling Capacity	kBtu/h	10.92	12.28	13.65
Heating Capacity	kW	3.6	4	4.5
Heating Capacity	kBtu/h	12.28	13.65	15.35
Air flow volume(H)	CFM	353	353	500
Air flow volume(M)	CFM	294	294	412
Air flow volume(L)	CFM	247	247	353
ESP	Pa	50/0~80	50/0~80	50/0~80
Sound Pressure Level (H)	dB(A)	36	36	40
Sound Pressure Level (M)	dB(A)	33	33	36
Sound Pressure Level (L)	dB(A)	30	30	32
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	80	80	80
Fan Motor Power Input	W	50	50	100
Fan Motor Running Current	A	0.4	0.4	0.8
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	1/2	1/2	1/2
Liquid pipe	inch	1/4	1/4	1/4
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	700	700	700
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	30.5	30.5	31.5
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.05	0.05	0.1
Heating Power Input	kW	0.05	0.05	0.1
Cooling Current Input	A	0.05	0.4	0.8
Heating Current Input	A	0.4	0.4	0.8
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	1	1	1
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG80C-ZL	B-FG80C-ZL	B-FG80C-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND32PHS/D-T	IMV-ND36PHS/D-T	IMV-ND40PHS/D-T
Fan Motor Speed	rpm	830/730/610	830/730/610	1090/940/740
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.12	0.12	0.12
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	2	2	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	16	16	16
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	3	3	5
Evaporator Length(L) ×Width(W)×Height(H)	mm	452×267×25.4	452×267×25.4	452×267×38.1
Condenser Fin Pitch	mm	1.6	1.6	1.6

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CARACTERÍSTICAS TÉCNICAS

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Model		IMV-ND45PHS/D-T	IMV-ND50PHS/D-T	IMV-ND56PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	4.5	5	5.6
Cooling Capacity	kBtu/h	15.35	17.06	19.11
Heating Capacity	kW	5	5.6	6.3
Heating Capacity	kBtu/h	17.06	19.11	21.5
Air flow volume(H)	CFM	500	500	589
Air flow volume(M)	CFM	412	412	471
Air flow volume(L)	CFM	353	353	412
ESP	Pa	50/0~80	50/0~80	90/0~200
Sound Pressure Level (H)	dB(A)	40	40	40
Sound Pressure Level (M)	dB(A)	36	36	36
Sound Pressure Level (L)	dB(A)	32	32	32
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	80	80	150
Fan Motor Power Input	W	100	100	105
Fan Motor Running Current	A	0.8	0.8	0.8
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	1/2	1/2	5/8
Liquid pipe	inch	1/4	1/4	3/8
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	700	700	1000
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	31.5	31.5	40.5
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.1	0.1	0.105
Heating Power Input	kW	0.1	0.1	0.105
Cooling Current Input	A	0.8	0.8	0.8
Heating Current Input	A	0.8	0.8	0.8
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	1	1	2
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG80C-ZL	B-FG80C-ZL	B-FG150A-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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Model		IMV-ND45PHS/D-T	IMV-ND50PHS/D-T	IMV-ND56PHS/D-T
Fan Motor Speed	rpm	1090/940/740	1090/940/740	750/570/540
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.12	0.12	0.2
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	3	3	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	16	16	16
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	5	5	5
Evaporator Length(L) ×Width(W)×Height(H)	mm	452×267×38.1	452×267×38.1	752×267×38.1
Condenser Fin Pitch	mm	1.6	1.6	1.6

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CARACTERÍSTICAS TÉCNICAS

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Model		IMV-ND63PHS/D-T	IMV-ND71PHS/D-T	IMV-ND80PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	6.3	7.1	8
Cooling Capacity	kBtu/h	21.5	24.23	27.3
Heating Capacity	kW	7.1	8	9
Heating Capacity	kBtu/h	24.23	27.3	30.71
Air flow volume(H)	CFM	589	736	736
Air flow volume(M)	CFM	471	618	618
Air flow volume(L)	CFM	412	559	559
ESP	Pa	90/0~200	90/0~200	90/0~200
Sound Pressure Level (H)	dB(A)	40	40	40
Sound Pressure Level (M)	dB(A)	36	36	36
Sound Pressure Level (L)	dB(A)	32	32	32
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	150	200	200
Fan Motor Power Input	W	105	110	110
Fan Motor Running Current	A	0.8	0.9	0.9
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	5/8	5/8	5/8
Liquid pipe	inch	3/8	3/8	3/8
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	1000	1000	1000
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	40.5	41	41
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.105	0.11	0.11
Heating Power Input	kW	0.105	0.11	0.11
Cooling Current Input	A	0.8	0.9	0.9
Heating Current Input	A	0.8	0.9	0.9
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	2	2	2
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG150A-ZL	B-FG200A-ZL	B-FG200A-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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CARACTERÍSTICAS TÉCNICAS

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Model		IMV-ND63PHS/D-T	IMV-ND71PHS/D-T	IMV-ND80PHS/D-T
Fan Motor Speed	rpm	750/570/540	860/720/650	860/720/650
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.2	0.2	0.2
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	3	3	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	16	16	16
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	5	5	5
Evaporator Length(L) ×Width(W)×Height(H)	mm	752×267×38.1	752×267×38.1	752×267×38.1
Condenser Fin Pitch	mm	1.6	1.6	1.6

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND90PHS/D-T	IMV-ND100PHS/D-T	IMV-ND112PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	9	10	11.2
Cooling Capacity	kBtu/h	30.71	34.12	38.21
Heating Capacity	kW	10	11.2	12.5
Heating Capacity	kBtu/h	34.12	38.21	42.65
Air flow volume(H)	CFM	1059	1059	1177
Air flow volume(M)	CFM	853	853	942
Air flow volume(L)	CFM	736	736	824
ESP	Pa	90/0~200	90/0~200	90/0~200
Sound Pressure Level (H)	dB(A)	42	42	43
Sound Pressure Level (M)	dB(A)	38	38	39
Sound Pressure Level (L)	dB(A)	34	34	36
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	350	350	350
Fan Motor Power Input	W	170	170	170
Fan Motor Running Current	A	1.4	1.4	1.4
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	5/8	5/8	5/8
Liquid pipe	inch	3/8	3/8	3/8
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	1400	1400	1400
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	54	54	54
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.17	0.17	0.17
Heating Power Input	kW	0.17	0.17	0.17
Cooling Current Input	A	1.4	1.4	1.4
Heating Current Input	A	1.4	1.4	1.4
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	3	3	3
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG350A-ZL	B-FG350A-ZL	B-FG350A-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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Model		IMV-ND90PHS/D-T	IMV-ND100PHS/D-T	IMV-ND112PHS/D-T
Fan Motor Speed	rpm	940/810/700	940/810/700	940/810/700
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.31	0.31	0.31
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	3	3	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	14	14	14
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	6	6	6
Evaporator Length(L) ×Width(W)×Height(H)	mm	1152×267×38.1	1152×267×38.1	1152×267×38.1
Condenser Fin Pitch	mm	1.8	1.8	1.8

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REV.00-0524

Model		IMV-ND125PHS/D-T	IMV-ND140PHS/D-T	IMV-ND160PHS/D-T
Series Name	-	Duct Type	Duct Type	Duct Type
Func Type	-	Heat Pump	Heat Pump	Heat Pump
Cooling Capacity	kW	12.5	14	16
Cooling Capacity	kBtu/h	42.65	47.77	54.59
Heating Capacity	kW	14	16	18
Heating Capacity	kBtu/h	47.77	54.59	61.42
Air flow volume(H)	CFM	1177	1383	1471
Air flow volume(M)	CFM	942	1118	1177
Air flow volume(L)	CFM	824	971	1030
ESP	Pa	90/0~200	90/0~200	90/0~200
Sound Pressure Level (H)	dB(A)	44	44	45
Sound Pressure Level (M)	dB(A)	40	41	43
Sound Pressure Level (L)	dB(A)	37	38	40
Rated Voltage	V	220-240/208-230	220-240/208-230	220-240/208-230
Rated Frequency	Hz	50/60	50/60	50/60
Phases	-	1	1	1
Circuit Breaker	A	6	6	6
Fan Motor Power Output	W	350	560	560
Fan Motor Power Input	W	170	240	240
Fan Motor Running Current	A	1.4	1.8	1.8
Refrigerant	-	R410A	R410A	R410A
Evaporator Max. Allowable Pressure	MPa	4.3	4.3	4.3
Drain Pipes(External Dia)	inch	1	1	1
Gas Pipe(to Indoor Unit)	inch	5/8	5/8	3/4
Liquid pipe	inch	3/8	3/8	3/8
Connection method	-	Flare Connection	Flare Connection	Flare Connection
Drain Pipes(External Dia)	mm	25	25	25
Dimension of Outline(Main Body)(W)	mm	1400	1400	1400
Dimension of Outline(Main Body)(D)	mm	700	700	700
Dimension of Outline(Main Body)(H)	mm	300	300	300
Net Weight(Main Body)	kg	54	54.5	54.5
Fuse Current	A	3.15	3.15	3.15
Fan Diameter-height	mm	202-170	202-170	202-170
Cooling Power Input	kW	0.17	0.24	0.24
Heating Power Input	kW	0.17	0.24	0.24
Cooling Current Input	A	1.4	1.8	1.8
Heating Current Input	A	1.4	1.8	1.8
Fan Type	-	Centrifugal	Centrifugal	Centrifugal
Fan Quantity	-	3	3	3
Fan Diameter-height	inch	7 15/16-6 11/16	7 15/16-6 11/16	7 15/16-6 11/16
Fan Motor Model	-	B-FG350A-ZL	FG560B-ZL	FG560B-ZL
Fan Motor Drive Type	-	Direct drive	Direct drive	Direct drive

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND125PHS/D-T	IMV-ND140PHS/D-T	IMV-ND160PHS/D-T
Fan Motor Speed	rpm	940/810/700	1060/950/870	1060/950/870
Motor Insulation Class	-	E	E	E
Evaporator Material	-	copper tube-Aluminum fin	copper tube-Aluminum fin	copper tube-Aluminum fin
Evaporator Face Area	m2	0.31	0.31	0.31
Evaporator Pipe Diameter	mm	φ7	φ7	φ7
Evaporator Number of Rows	-	3	3	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	19.05×12.7	19.05×12.7	19.05×12.7
Evaporator Fins per Inch(FPI)	-	14	14	14
Evaporator Fin Type	-	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	6	6	6
Evaporator Length(L) ×Width(W)×Height(H)	mm	1152×267×38.1	1152×267×38.1	1152×267×38.1
Condenser Fin Pitch	mm	1.8	1.8	1.8

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND180PHS/D-T
Series Name	-	Duct Type
Func Type	-	Heat Pump
Cooling Capacity	kW	18
Cooling Capacity	kBtu/h	61.42
Heating Capacity	kW	20
Heating Capacity	kBtu/h	68.24
Air flow volume(H)	CFM	1766
Air flow volume(M)	CFM	1530
Air flow volume(L)	CFM	1177
ESP	Pa	90/0~170
Sound Pressure Level (H)	dB(A)	49
Sound Pressure Level (M)	dB(A)	47
Sound Pressure Level (L)	dB(A)	44
Rated Voltage	V	220-240/208-230
Rated Frequency	Hz	50/60
Phases	-	1
Circuit Breaker	A	6
Fan Motor Power Output	W	560
Fan Motor Power Input	W	350
Fan Motor Running Current	A	2
Refrigerant	-	R410A
Evaporator Max. Allowable Pressure	MPa	4.3
Drain Pipes(External Dia)	inch	1
Gas Pipe(to Indoor Unit)	inch	3/4
Liquid pipe	inch	3/8
Connection method	-	Flare Connection
Drain Pipes(External Dia)	mm	25
Dimension of Outline(Main Body)(W)	mm	1400
Dimension of Outline(Main Body)(D)	mm	700
Dimension of Outline(Main Body)(H)	mm	300
Net Weight(Main Body)	kg	58
Fuse Current	A	3.15
Fan Diameter-height	mm	202-170
Cooling Power Input	kW	0.35
Heating Power Input	kW	0.35
Cooling Current Input	A	2
Heating Current Input	A	2
Fan Type	-	Centrifugal
Fan Quantity	-	3
Fan Diameter-height	inch	7 15/16-6 11/16
Fan Motor Model	-	FG560B-ZL
Fan Motor Drive Type	-	Direct drive

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CARACTERÍSTICAS TÉCNICAS

REV.00-0524

Model		IMV-ND180PHS/D-T
Fan Motor Speed	rpm	1350/1250/1150
Motor Insulation Class	-	E
Evaporator Material	-	copper tube-Aluminum fin
Evaporator Face Area	m2	0.36
Evaporator Pipe Diameter	mm	φ7.94
Evaporator Number of Rows	-	3
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	22×19.05
Evaporator Fins per Inch(FPI)	-	14
Evaporator Fin Type	-	fenestrate plain and hydrophilic film
Evaporator Number of Circuits	-	7
Evaporator Length(L) ×Width(W)×Height(H)	mm	1152×308×57.2
Condenser Fin Pitch	mm	1.8

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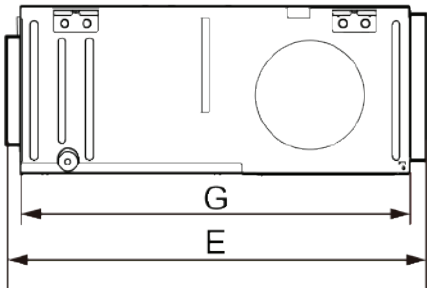
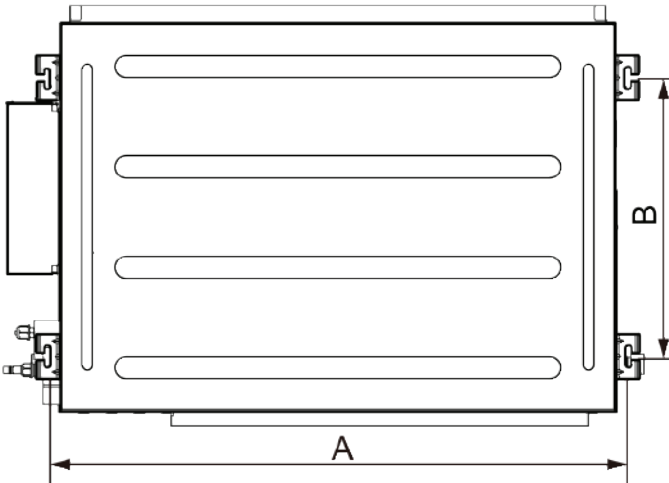
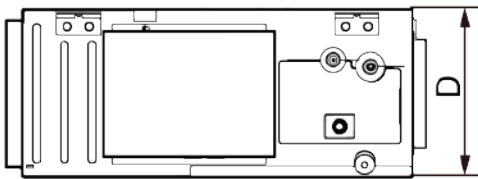
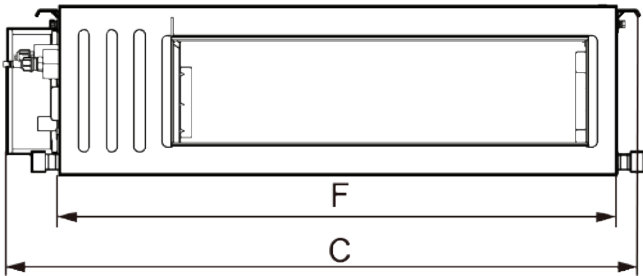
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DIMENSIONES DEL EQUIPO

REV.00-0524

IMV-ND(22~180)PHS/D-T



Unit: mm

Model	A	B	C	D	E	F	G
IMV-ND22~50PHS/D-T	740	500	830	300	754	700	700
IMV-ND56~80PHS/D-T	1040	500	1130	300	754	1000	700
IMV-ND90~160PHS/D-T	1440	500	1540	300	754	1400	700
IMV-ND180PHS/D-T	1440	500	1580	300	754	1400	700

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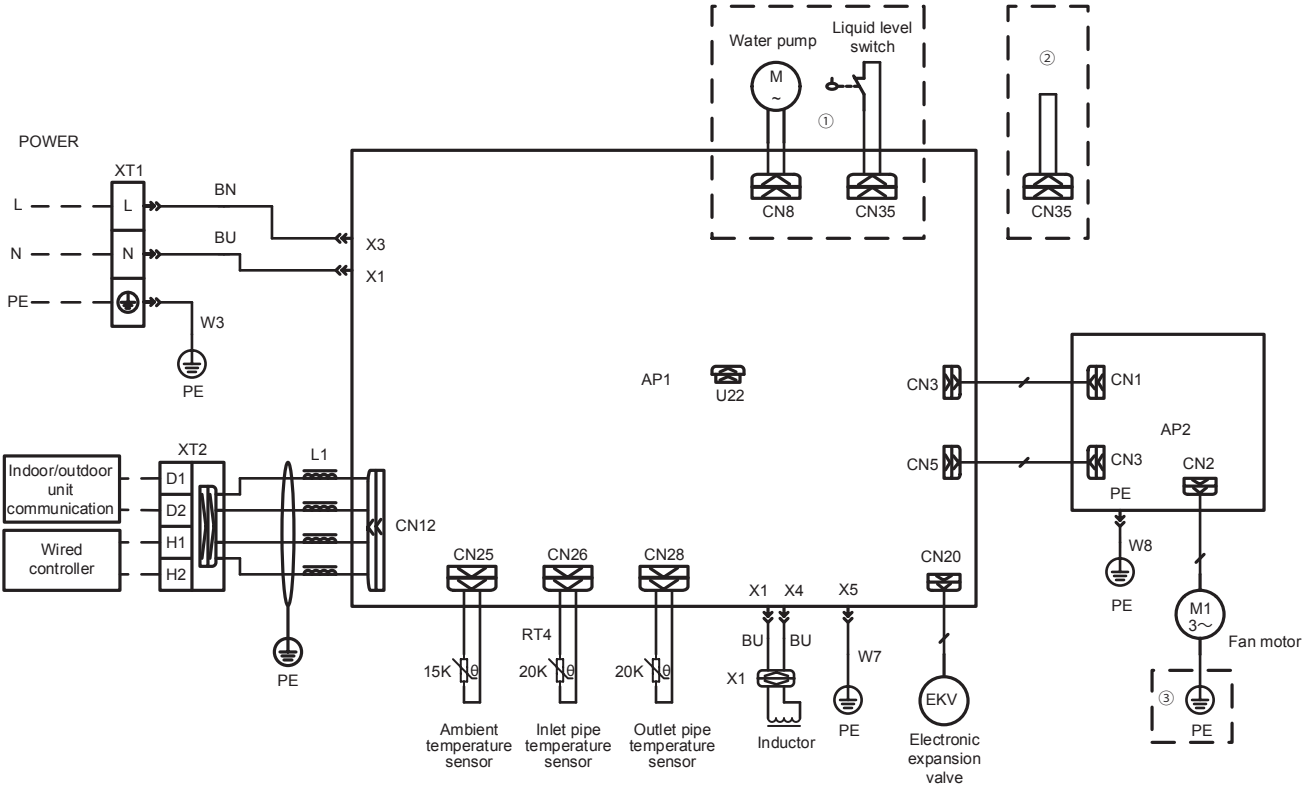
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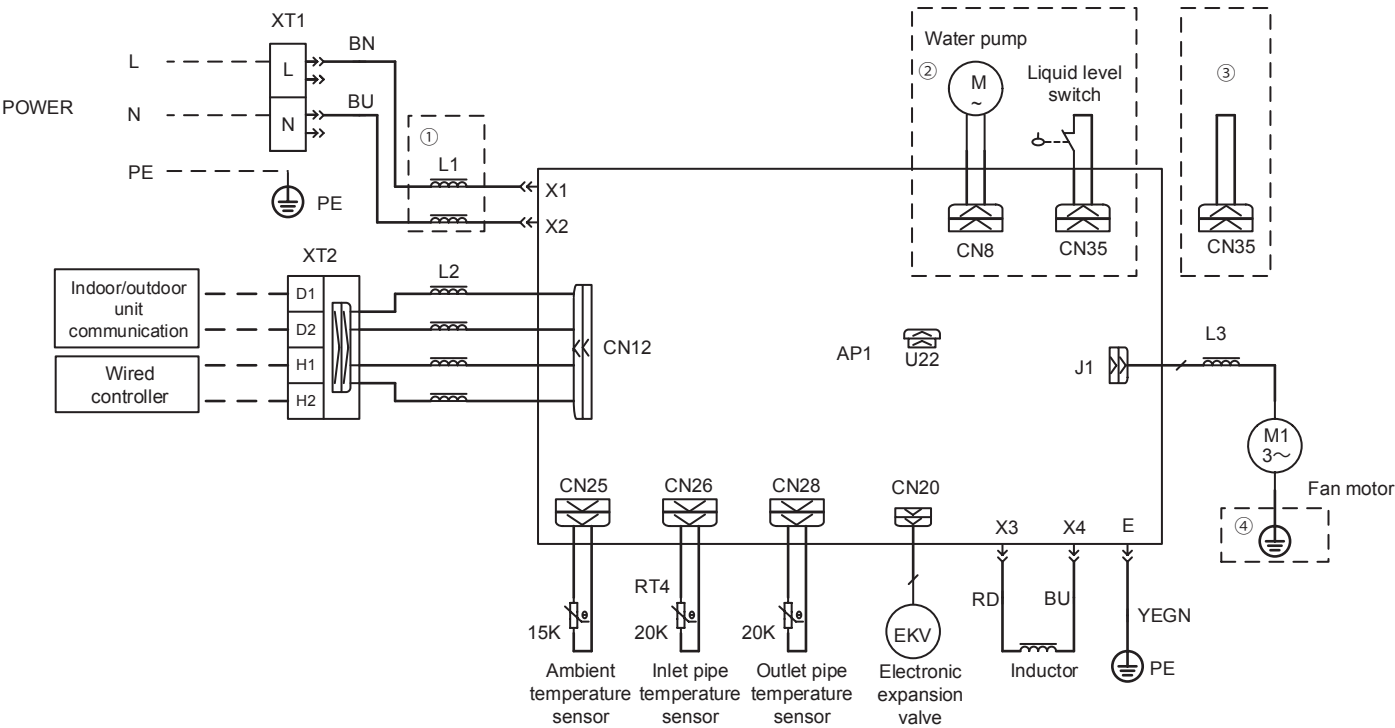
DIAGRAMA DE CONEXIÓN ELÉCTRICA Y COMUNICACIÓN:

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IMV-ND(22~80)PHS/D-T



IMV-ND(90~140)PHS/D-T



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DIAGRAMA DE CONEXIÓN ELÉCTRICA Y COMUNICACIÓN:

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IMV-ND(180)PHS/D-T

Indoor unit

