Submittal Data Sheet
1.5-Ton Concealed Ducted unit with Heat Pump
FBQ18TBVJUARZQ18TBVJUA

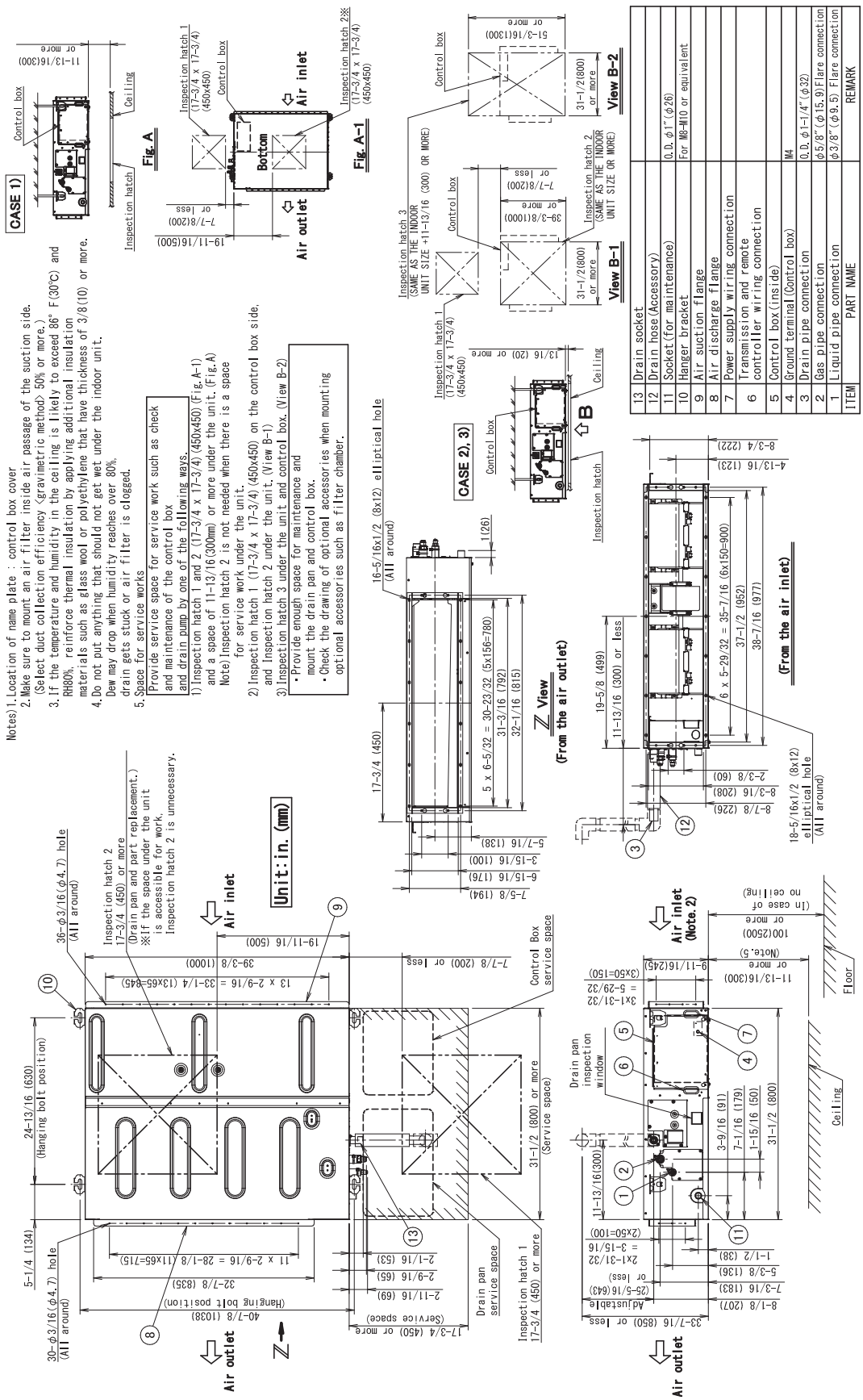
Model	**Indoor unit**		**FBQ18TBVJU**
	Outdoor unit		**RZQ18TBVJUA**
Power supply			1 phase, 208/230 V, 60 Hz
Cooling capacity *1, *4		Btu/h (kW)	17,700 (5.2)
Heating capacity *2, *4		Btu/h (kW)	20,600 (6.0)
Heating capacity *3, *4		Btu/h (kW)	14,000 (4.1)
EER2 (rated)		Btu/h-W	12.5
SEER2 (rated)			15.5
HSPF2 (rated)			8.5
Indoor unit			**FBQ18TBVJU**
Casing/color			Galvanized steel plate
Dimensions	H × W × D	in. (mm)	9–11/16 × 39–3/8 × 31–1/2 (245 × 1,000 × 800)
Coil	Type		Cross fin coil
Fan	Type		Sirocco fan
	Motor output	W	230
	Airflow rate (H / M / L)	cfm (m³/min)	635 / 565 / 512 (18.0 / 16.0 / 14.5)
	External static pressure	in.H2O (Pa)	Standard 0.40 <0.80-0.20> (100 <200-50>) H5
Weight		lbs (kg)	77 (35)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	VP25 (external dia. 1–1/4 (32), internal dia. 1 (26))
Remote controller (accessory)	Wired		BRC1E73 / BRC1H71W / DTST-ONE-ADA-A
	Wireless		BRC082A43

Submittal Data Sheet
1.5-Ton Concealed Ducted unit with Heat Pump
FBQ18TBVJUARZQ18TBVJUA

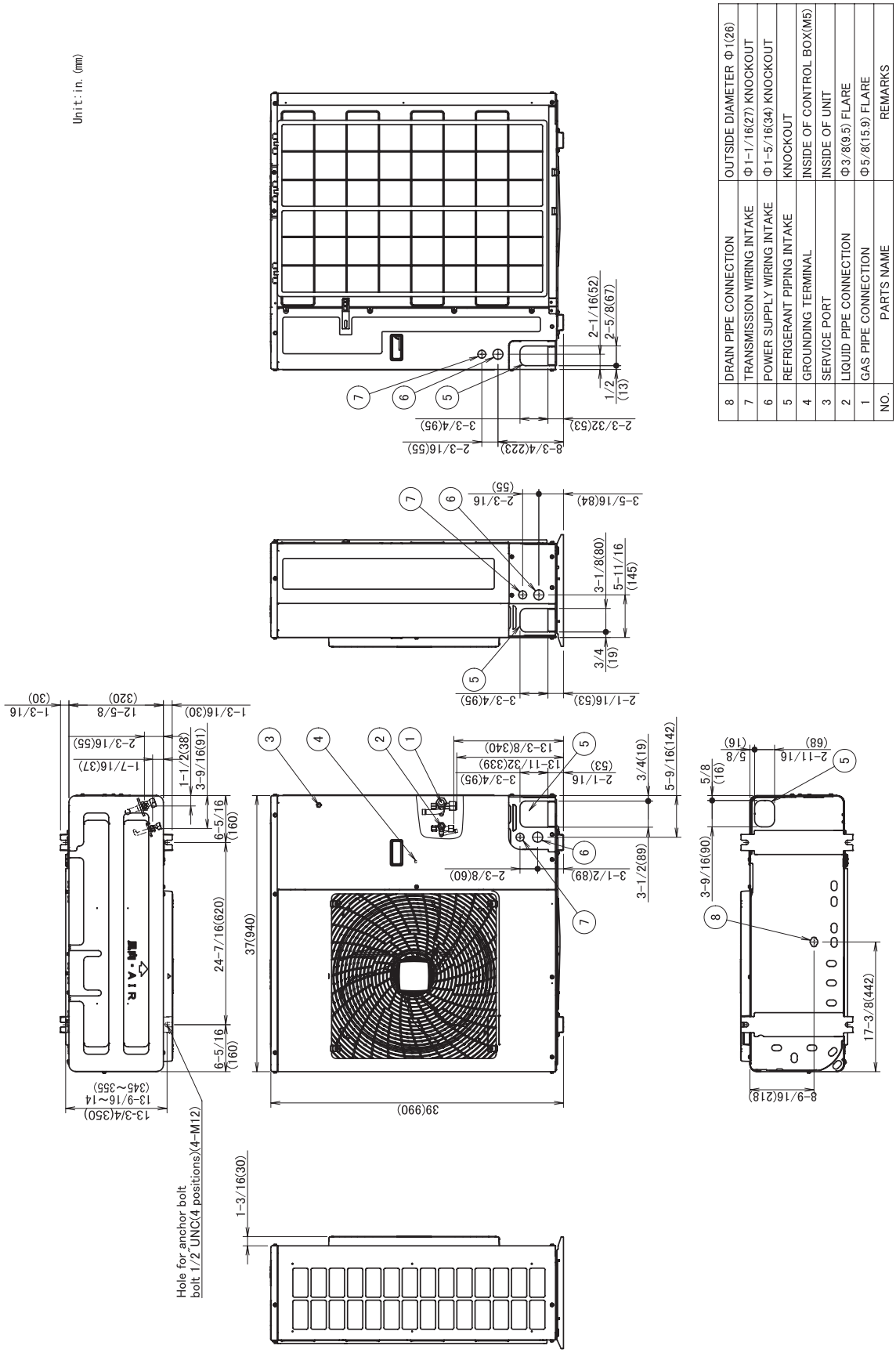
Outdoor unit				RZQ18TBVJUA
Casing/color				Ivory white
Dimensions	H × W × D		in. (mm)	39 × 37 × 12–5/8 (990 × 940 × 320)
Coil	Type			Cross fin coil
Compressor	Type			Hermetically sealed swing type
	Motor output		kW	1.9
Fan	Type			Propeller fan
	Motor output		W	200
	Airflow rate		cfm (m³/min)	2,682 (76)
Weight			lbs (kg)	172 (78)
Piping connections		Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
		Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
		Drain	in. (mm)	ϕ1 (ϕ26) (hole)
Safety devices				High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse
Capacity step			%	14-100
Refrigerant control				Electronic expansion valve
Ref. piping	Standard length		ft (m)	25 (7.6)
	Max. length		ft (m)	164 (50)
	Max. height difference		ft (m)	98 (30)
Refrigerant	Type			R410A
	Charge		lbs (kg)	6.4 (2.9)
Ref. oil	Type			DAPHNE FVC50K
	Charge		L	1.08

*1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*2. Capacities are net, including a deduction for cooling for indoor fan motor heat.
*3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (−8.3°CDB), 15°FWB (−9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
*5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more

FBQ18 - 24TBVJU



RZQ18 - 24TBVJUA



NO.	PARTS NAME	REMARKS
8	DRAIN PIPE CONNECTION	OUTSIDE DIAMETER Φ1(26)
7	TRANSMISSION WIRING INTAKE	Φ1-1/16(27) KNOCKOUT
6	POWER SUPPLY WIRING INTAKE	Φ1-5/16(34) KNOCKOUT
5	REFRIGERANT PIPING INTAKE	KNOCKOUT
4	GROUNDING TERMINAL	INSIDE OF CONTROL BOX(M5)
3	SERVICE PORT	INSIDE OF UNIT
2	LIQUID PIPE CONNECTION	Φ3/8(9.5) FLARE
1	GAS PIPE CONNECTION	Φ5/8(15.9) FLARE

FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A

Submittal Data Sheet
2-Ton Concealed Ducted unit with Heat Pump
FBQ24TBVJUARZQ24TBVJUA

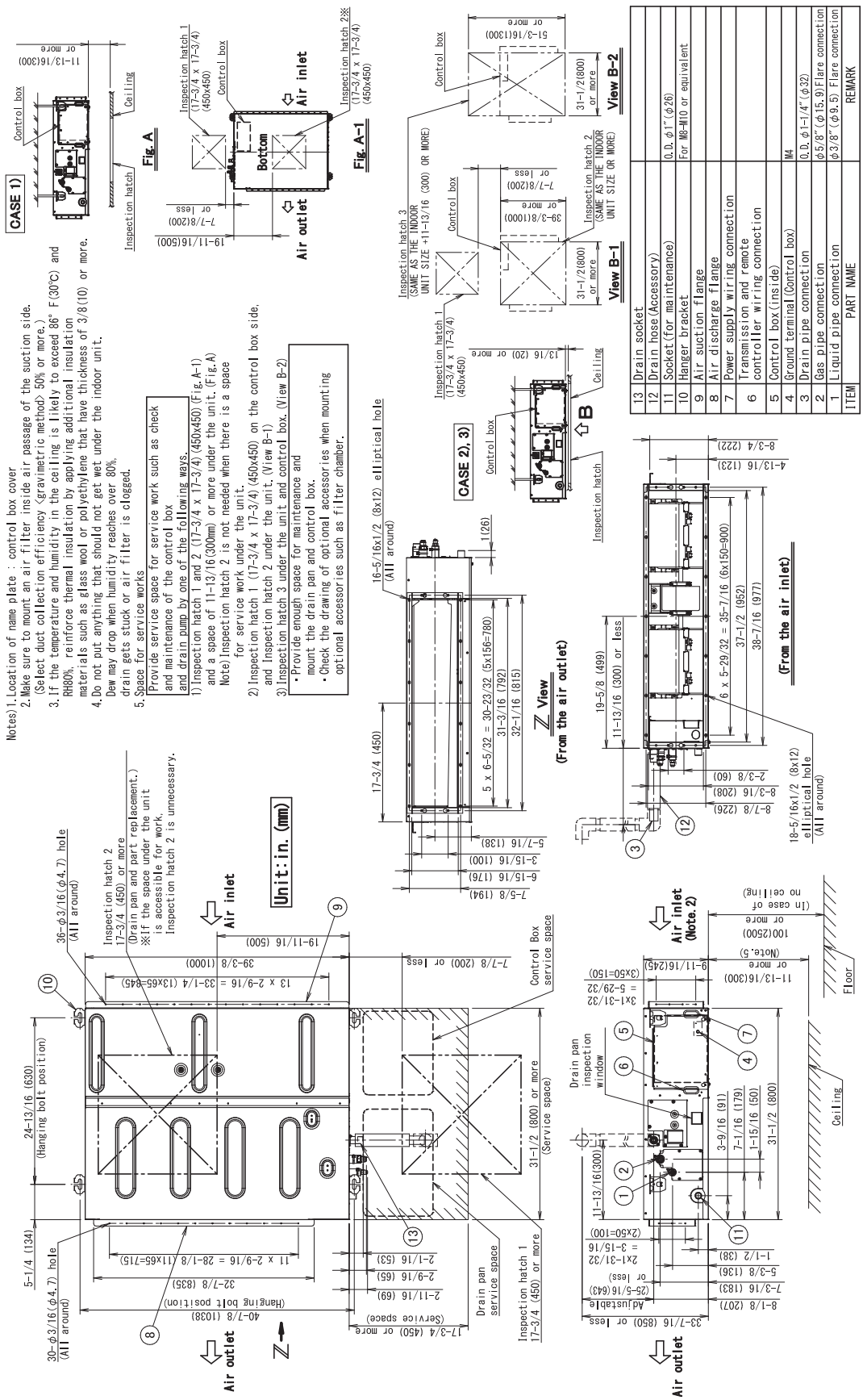
Model	Indoor unit		FBQ24TBVJU
	Outdoor unit		RZQ24TBVJUA
Power supply			1 phase, 208/230 V, 60 Hz
Cooling capacity *1, *4		Btu/h (kW)	23,400 (6.9)
Heating capacity *2, *4		Btu/h (kW)	27,400 (8.0)
Heating capacity *3, *4		Btu/h (kW)	19,000 (5.6)
EER2 (rated)		Btu/h-W	10.5
SEER2 (rated)			15.5
HSPF2 (rated)			8.5
Indoor unit			**FBQ24TBVJU**
Casing/color			Galvanized steel plate
Dimensions	H × W × D	in. (mm)	9–11/16 × 39–3/8 × 31–1/2 (245 × 1,000 × 800)
Coil	Type		Cross fin coil
Fan	Type		Sirocco fan
	Motor output	W	230
	Airflow rate (H / M / L)	cfm (m^3/min)	742 / 635 / 565 (21.0 / 18.0 / 16.0)
	External static pressure	in.H2O (Pa)	Standard 0.40 <0.80-0.20> (100 <200-50>)
Weight		lbs (kg)	82 (37)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	VP25 (external dia. 1–1/4 (32), internal dia. 1 (26))
Remote controller (accessory)	Wired		BRC1E73 / BRC1H71W / DTST-ONE-ADA-A
	Wireless		BRC082A43

Submittal Data Sheet
2-Ton Concealed Ducted unit with Heat Pump
FBQ24TBVJUARZQ24TBVJUA

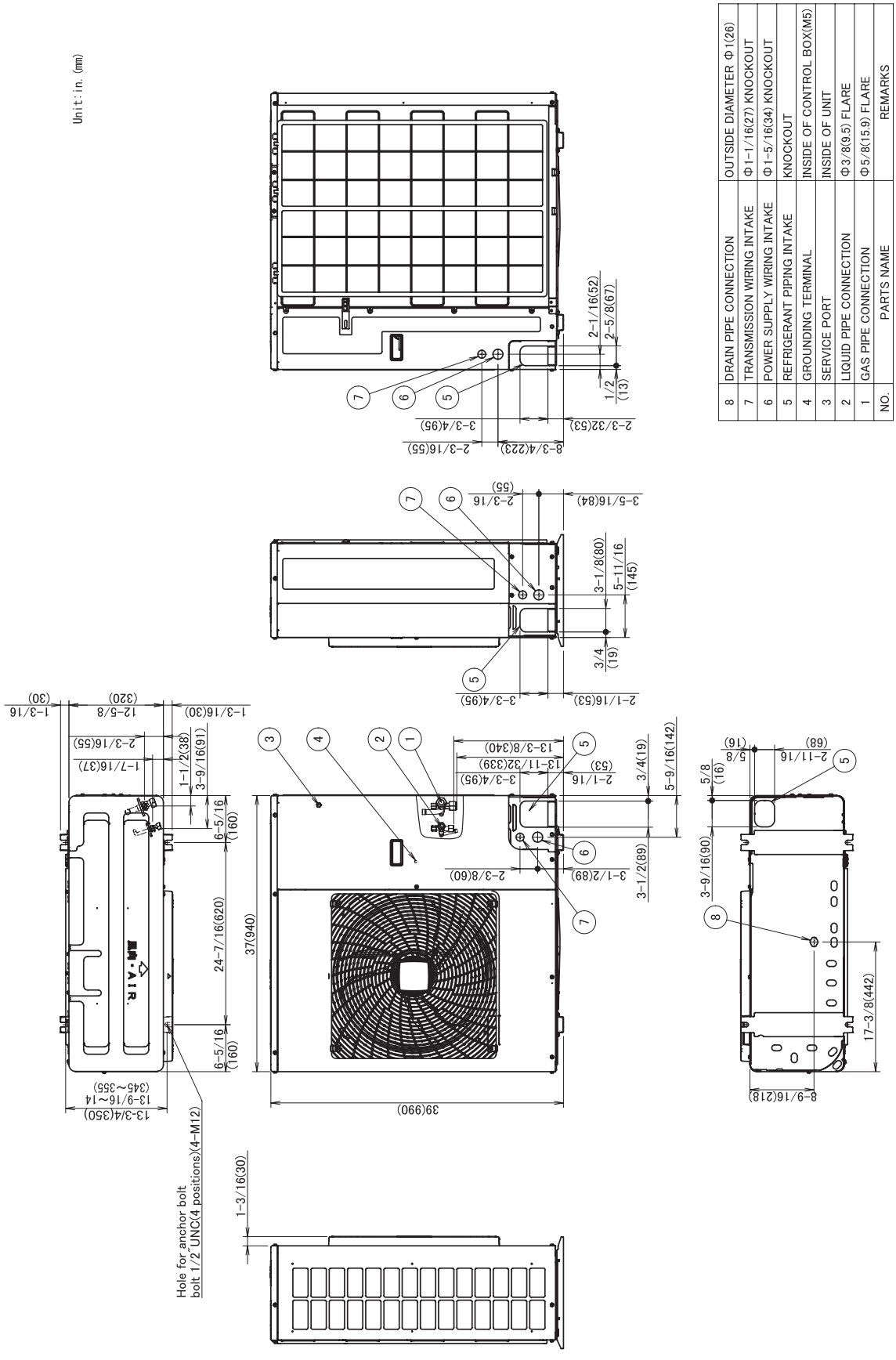
Outdoor unit			**RZQ24TBVJUA**
Casing/color			Ivory white
Dimensions	H × W × D	in. (mm)	39 × 37 × 12–5/8 (990 × 940 × 320)
Coil	Type		Cross fin coil
Compressor	Type		Hermetically sealed swing type
	Motor output	kW	1.9
Fan	Type		Propeller fan
	Motor output	W	200
	Airflow rate	cfm (m³/min)	2,682 (76)
Weight		lbs (kg)	172 (78)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	ϕ1 (ϕ26) (hole)
Safety devices			High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse
Capacity step		%	14-100
Refrigerant control			Electronic expansion valve
Ref. piping	Standard length	ft (m)	25 (7.6)
	Max. length	ft (m)	164 (50)
	Max. height difference	ft (m)	98 (30)
Refrigerant	Type		R410A
	Charge	lbs (kg)	6.4 (2.9)
Ref. oil	Type		DAPHNE FVC50K
	Charge	L	1.08

*1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*2. Capacities are net, including a deduction for cooling for indoor fan motor heat.
*3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (−8.3°CDB), 15°FWB (−9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
*5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more

FBQ18 - 24TBVJU



RZQ18 - 24TBVJUA



NO.	PARTS NAME	REMARKS
8	DRAIN PIPE CONNECTION	OUTSIDE DIAMETER Φ1(26)
7	TRANSMISSION WIRING INTAKE	Φ1-1/16(27) KNOCKOUT
6	POWER SUPPLY WIRING INTAKE	Φ1-5/16(34) KNOCKOUT
5	REFRIGERANT PIPING INTAKE	KNOCKOUT
4	GROUNDING TERMINAL	INSIDE OF CONTROL BOX(M5)
3	SERVICE PORT	INSIDE OF UNIT
2	LIQUID PIPE CONNECTION	Φ3/8(9.5) FLARE
1	GAS PIPE CONNECTION	Φ5/8(15.9) FLARE

FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A

Submittal Data Sheet
2.5-Ton Concealed Ducted unit with Heat Pump
FBQ30TBVJUARZQ30TBVJUA

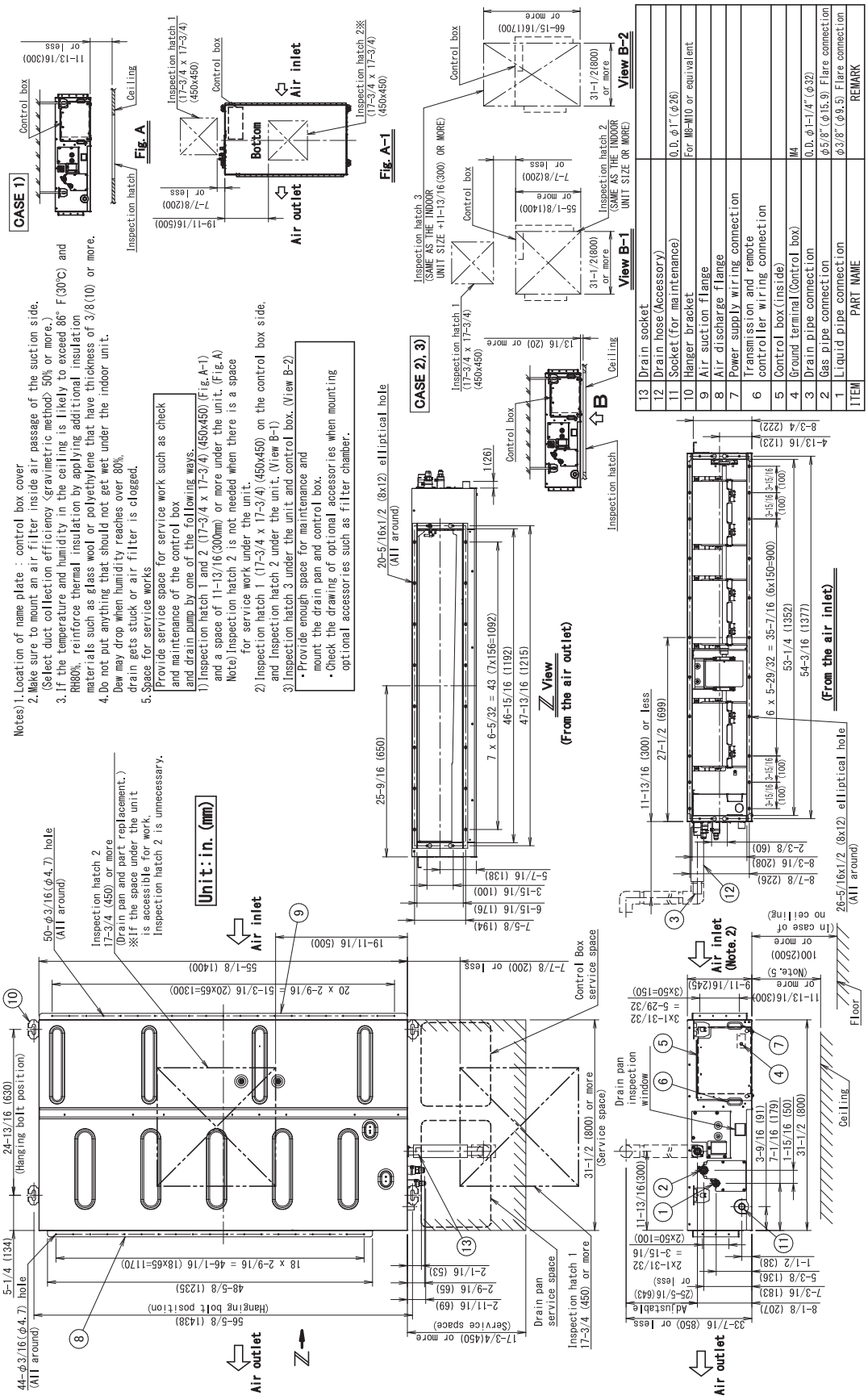
Model	**Indoor unit**		**FBQ30TBVJU**
	Outdoor unit		**RZQ30TBVJUA**
Power supply			1 phase, 208/230 V, 60 Hz
Cooling capacity *1, *4		Btu/h (kW)	28,400 (8.3)
Heating capacity *2, *4		Btu/h (kW)	34,800 (10.2)
Heating capacity *3, *4		Btu/h (kW)	24,000 (7.0)
EER2 (rated)		Btu/h-W	12.2
SEER2 (rated)			16.5
HSPF2 (rated)			8.9
Indoor unit			**FBQ30TBVJU**
Casing/color			Galvanized steel plate
Dimensions	H × W × D	in. (mm)	9-11/16 × 55-1/8 × 31-1/2 (245 × 1,400 × 800)
Coil	Type		Cross fin coil
Fan	Type		Sirocco fan
	Motor output	W	364
	Airflow rate (H / M / L)	cfm (m³/min)	1,094 / 847 / 795 (31.0 / 24.0 / 22.5)
	External static pressure	in.H2O (Pa)	Standard 0.40 <0.80-0.20> (100 <200-50>) H5
Air filter			*5
Weight		lbs (kg)	101 (46)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	VP25 (external dia. 1–1/4 (32), internal dia. 1 (26))
Remote controller (accessory)	Wired		BRC1E73 / BRC1H71W / DTST-ONE-ADA-A
	Wireless		BRC082A43
Outdoor unit			**RZQ30TBVJUA**
Casing/color			Ivory white
Dimensions	H × W × D	in. (mm)	52–15/16 × 35–7/16 × 12–5/8 (1,345 × 900 × 320)
Coil	Type		Cross fin coil
Compressor	Type		Hermetically sealed swing type
	Motor output	kW	3.5
Fan	Type		Propeller fan
	Motor output	W	70 × 2

Submittal Data Sheet
2.5-Ton Concealed Ducted unit with Heat Pump
FBQ30TBVJUARZQ30TBVJUA

	Airflow rate	cfm (m³/min)	3,741 (106)
Weight		lbs (kg)	225 (102)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	ϕ1 (ϕ26) (hole)
Safety devices			High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse
Capacity step		%	14-100
Refrigerant control			Electronic expansion valve
Ref. piping	Standard length	ft (m)	25 (7.6)
	Max. length	ft (m)	230 (70)
	Max. height difference	ft (m)	98 (30)
Refrigerant	Type		R410A
	Charge	lbs (kg)	7.9 (3.6)
Ref. oil	Type		DAPHNE FVC50K
	Charge	L	1.52

*1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*2. Capacities are net, including a deduction for cooling for indoor fan motor heat.
*3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (−8.3°CDB), 15°FWB (−9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
*5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more.

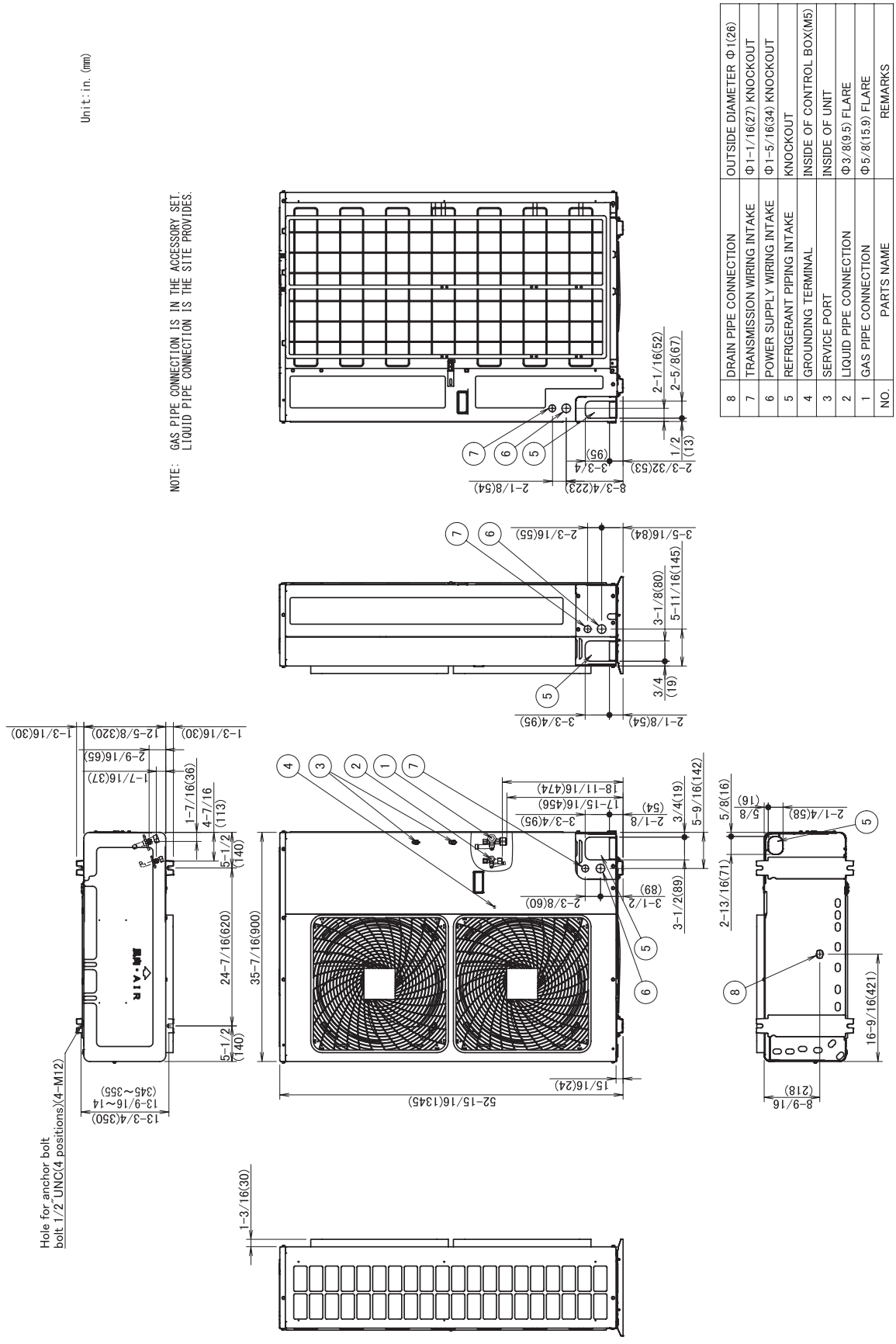
FBQ30 - 48TBVJU



ITEM	PART NAME	REMARK
13	Drain socket	
12	Drain hose(Accessory)	
11	Socket(for maintenance)	O.D. φ1"(φ26)
10	Hanger bracket	For M8~M10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box(inside)	
4	Ground terminal(Control box)	M4
3	Drain pipe connection	O.D. φ1-1/4"(φ32)
2	Gas pipe connection	φ5/8"(φ15.9) Flare connection
1	Liquid pipe connection	φ3/8"(φ9.5) Flare connection

3D140724

RZR30 - 48TBVJUA
RZQ30 - 48TBVJUA



FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A

Submittal Data Sheet
3-Ton Concealed Ducted unit with Heat Pump
FBQ36TBVJUARZQ36TBVJUA

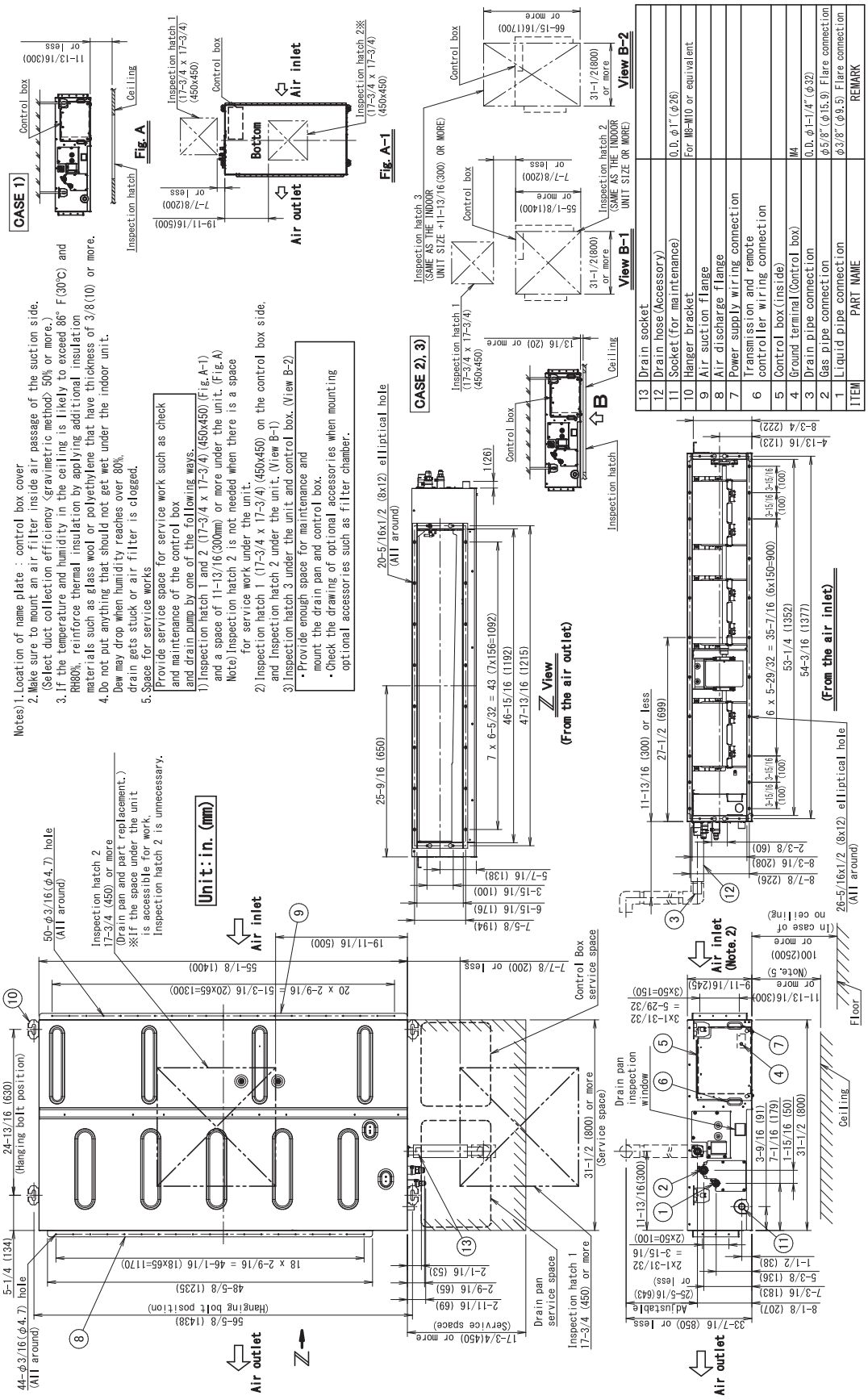
Model	**Indoor unit**		**FBQ36TBVJU**
	Outdoor unit		**RZQ36TBVJUA**
Power supply			1 phase, 208/230 V, 60 Hz
Cooling capacity *1, *4		Btu/h (kW)	35,000 (10.3)
Heating capacity *2, *4		Btu/h (kW)	40,000 (11.7)
Heating capacity *3, *4		Btu/h (kW)	28,000 (8.2)
EER2 (rated)		Btu/h-W	11.7
SEER2 (rated)			16.9
HSPF2 (rated)			8.8
Indoor unit			**FBQ36TBVJU**
Casing/color			Galvanized steel plate
Dimensions	H × W × D	in. (mm)	9-11/16 × 55-1/8 × 31-1/2 (245 × 1,400 × 800)
Coil	Type		Cross fin coil
Fan	Type		Sirocco fan
	Motor output	W	364
	Airflow rate (H / M / L)	cfm (m³/min)	1,130 / 953 / 795 (32.0 / 27.0 / 22.5)
	External static pressure	in.H2O (Pa)	Standard 0.40 <0.80-0.20> (100 <200-50>) H5
Air filter			*5
Weight		lbs (kg)	101 (46)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	VP25 (external dia. 1–1/4 (32), internal dia. 1 (26))
Remote controller (accessory)	Wired		BRC1E73 / BRC1H71W / DTST-ONE-ADA-A
	Wireless		BRC082A43
Outdoor unit			**RZQ36TBVJUA**
Casing/color			Ivory white
Dimensions	H × W × D	in. (mm)	52–15/16 × 35–7/16 × 12–5/8 (1,345 × 900 × 320)
Coil	Type		Cross fin coil
Compressor	Type		Hermetically sealed swing type
	Motor output	kW	3.5
Fan	Type		Propeller fan
	Motor output	W	70 × 2

Submittal Data Sheet
3-Ton Concealed Ducted unit with Heat Pump
FBQ36TBVJUARZQ36TBVJUA

	Airflow rate	cfm (m³/min)	3,741 (106)
Weight		lbs (kg)	225 (102)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	ϕ1 (ϕ26) (hole)
Safety devices			High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse
Capacity step		%	14-100
Refrigerant control			Electronic expansion valve
Ref. piping	Standard length	ft (m)	25 (7.6)
	Max. length	ft (m)	230 (70)
	Max. height difference	ft (m)	98 (30)
Refrigerant	Type		R410A
	Charge	lbs (kg)	7.9 (3.6)
Ref. oil	Type		DAPHNE FVC50K
	Charge	L	1.52

*1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*2. Capacities are net, including a deduction for cooling for indoor fan motor heat.
*3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (−8.3°CDB), 15°FWB (−9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
*5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more

FBQ30 - 48TBVJU



ITEM	PART NAME	REMARK
13	Drain socket	
12	Drain hose(Accessory)	
11	Socket(for maintenance)	O.D. φ1"(φ26)
10	Hanger bracket	For M8~M10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box(inside)	
4	Ground terminal(Control box)	M4
3	Drain pipe connection	O.D. φ1-1/4"(φ32)
2	Gas pipe connection	φ5/8"(φ15.9) Flare connection
1	Liquid pipe connection	φ3/8"(φ9.5) Flare connection

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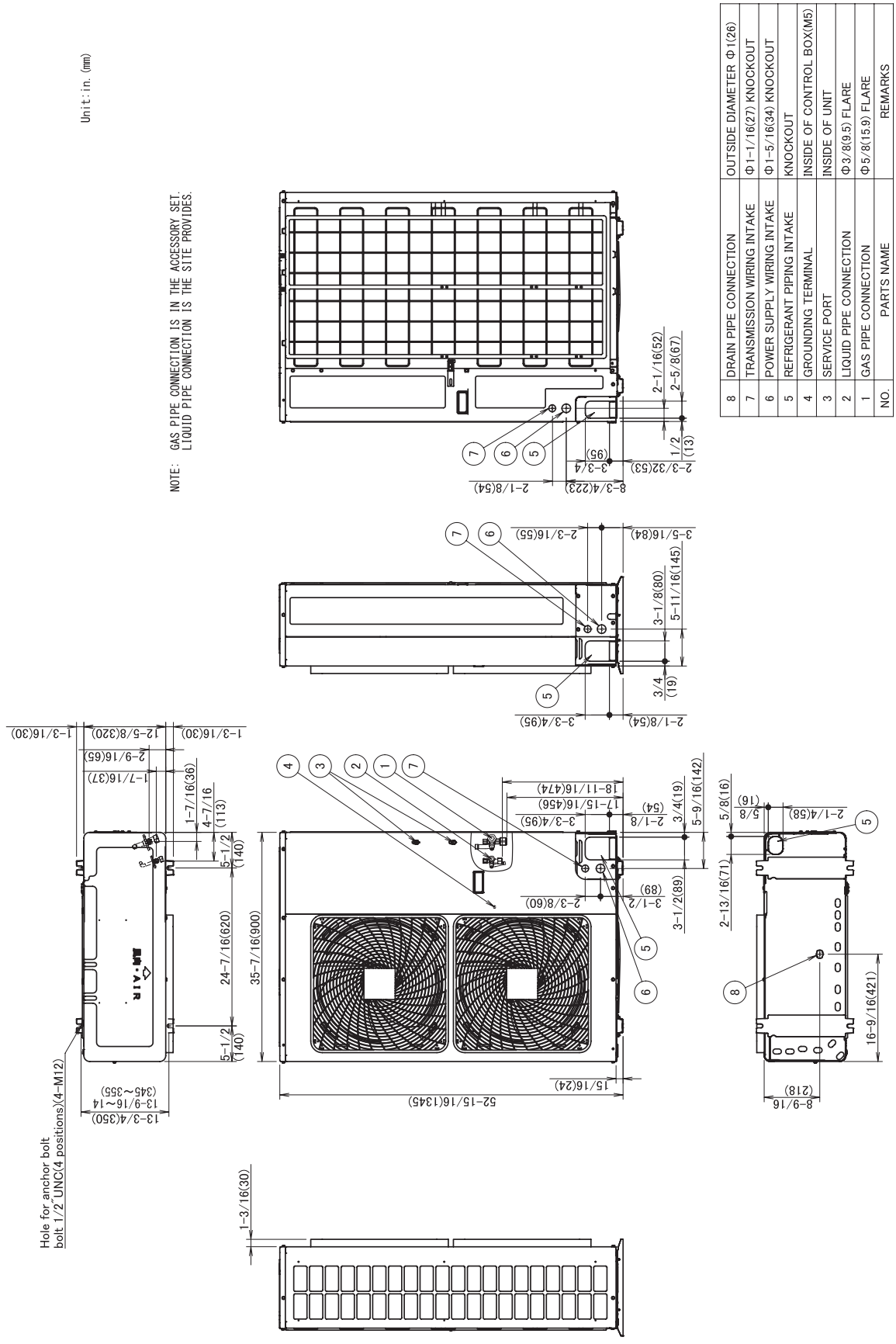
RZR30 - 48TBVJUA
RZQ30 - 48TBVJUA



FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A

Submittal Data Sheet
3.5-Ton Concealed Ducted unit with Heat Pump
FBQ42TBVJUARZQ42TBVJUA

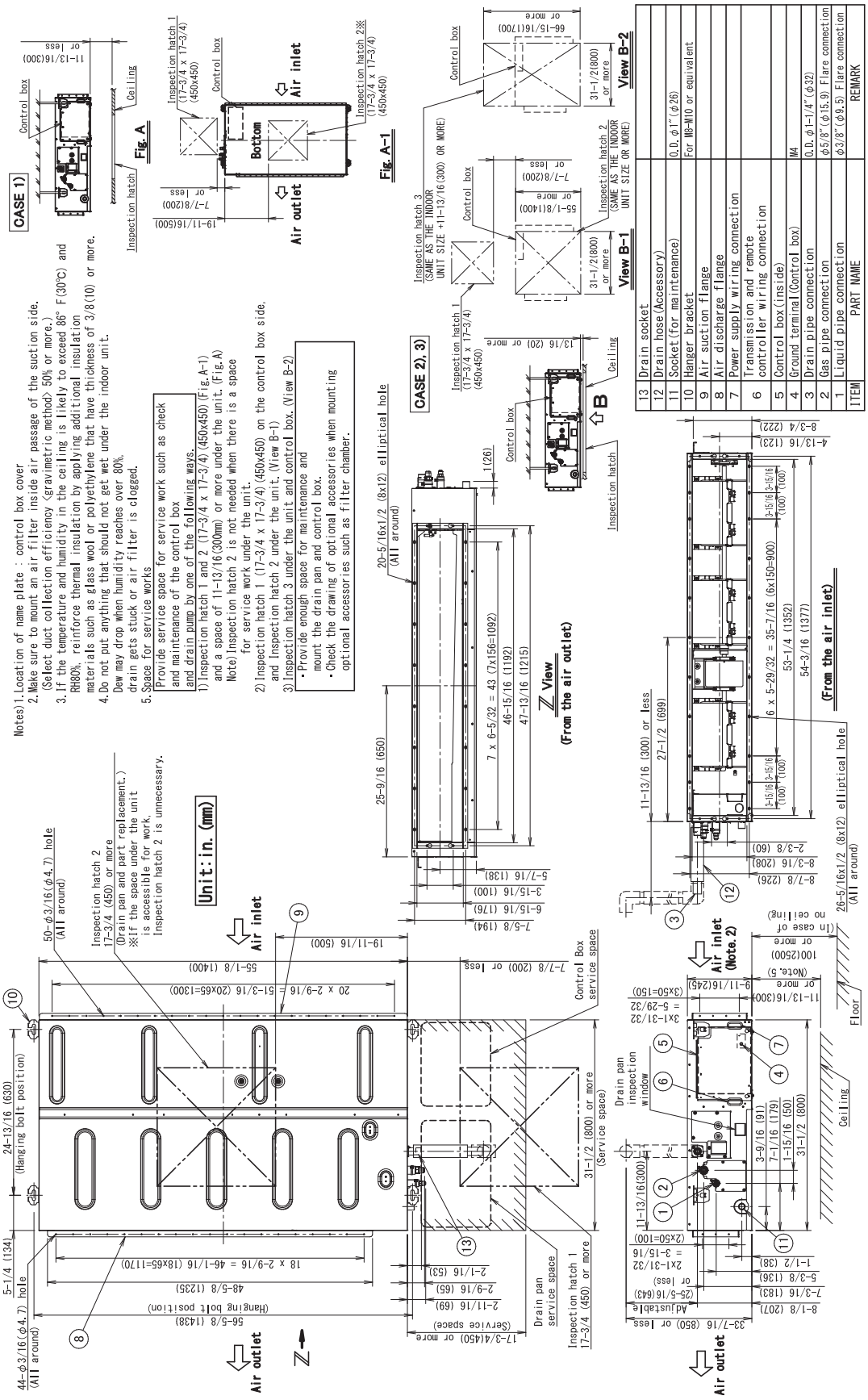
Model	**Indoor unit**		**FBQ42TBVJU**
	Outdoor unit		**RZQ42TBVJUA**
Power supply			1 phase, 208/230 V, 60 Hz
Cooling capacity *1, *4		Btu/h (kW)	40,000 (11.7)
Heating capacity *2, *4		Btu/h (kW)	47,000 (13.8)
Heating capacity *3, *4		Btu/h (kW)	32,400 (9.5)
EER2 (rated)		Btu/h-W	10.3
SEER2 (rated)			15.6
HSPF2 (rated)			9.5
Indoor unit			**FBQ42TBVJU**
Casing/color			Galvanized steel plate
Dimensions	H × W × D	in. (mm)	9-11/16 × 55-1/8 × 31-1/2 (245 × 1,400 × 800)
Coil	Type		Cross fin coil
Fan	Type		Sirocco fan
	Motor output	W	364
	Airflow rate (H / M / L)	cfm (m³/min)	1,377 / 1,130 / 918 (39.0 / 32.0 / 26.0)
	External static pressure	in.H2O (Pa)	Standard 0.40 <0.80-0.20> (100 <200-50>)
Air filter			*5
Weight		lbs (kg)	104 (47)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	VP25 (external dia. 1–1/4 (32), internal dia. 1 (26))
Remote controller (accessory)	Wired		BRC1E73 / BRC1H71W / DTST-ONE-ADA-A
	Wireless		BRC082A43
Outdoor unit			**RZQ42TBVJUA**
Casing/color			Ivory white
Dimensions	H × W × D	in. (mm)	52–15/16 × 35–7/16 × 12–5/8 (1,345 × 900 × 320)
Coil	Type		Cross fin coil
Compressor	Type		Hermetically sealed swing type
	Motor output	kW	3.5
Fan	Type		Propeller fan
	Motor output	W	70 × 2
	Airflow rate	cfm (m³/min)	3,741 (106)

Submittal Data Sheet
3.5-Ton Concealed Ducted unit with Heat Pump
FBQ42TBVJUARZQ42TBVJUA

Weight		lbs (kg)	225 (102)
Piping connections	Liquid	in. (mm)	ϕ3/8 (ϕ9.5) (flare connection)
	Gas	in. (mm)	ϕ5/8 (ϕ15.9) (flare connection)
	Drain	in. (mm)	ϕ1 (ϕ26) (hole)
Safety devices			High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse
Capacity step		%	14-100
Refrigerant control			Electronic expansion valve
Ref. piping	Standard length	ft (m)	25 (7.6)
	Max. length	ft (m)	230 (70)
	Max. height difference	ft (m)	98 (30)
Refrigerant	Type		R410A
	Charge	lbs (kg)	7.9 (3.6)
Ref. oil	Type		DAPHNE FVC50K
	Charge	L	1.52

*1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*2. Capacities are net, including a deduction for cooling for indoor fan motor heat.
*3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (−8.3°CDB), 15°FWB (−9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
*4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.
*5. Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency (gravity method) 50% or more

FBQ30 - 48TBVJU



ITEM	PART NAME	REMARK
13	Drain socket	
12	Drain hose(Accessory)	
11	Socket(for maintenance)	O.D. φ1"(φ26)
10	Hanger bracket	For M8~M10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box(inside)	
4	Ground terminal(Control box)	M4
3	Drain pipe connection	O.D. φ1-1/4"(φ32)
2	Gas pipe connection	φ5/8"(φ15.9) Flare connection
1	Liquid pipe connection	φ3/8"(φ9.5) Flare connection

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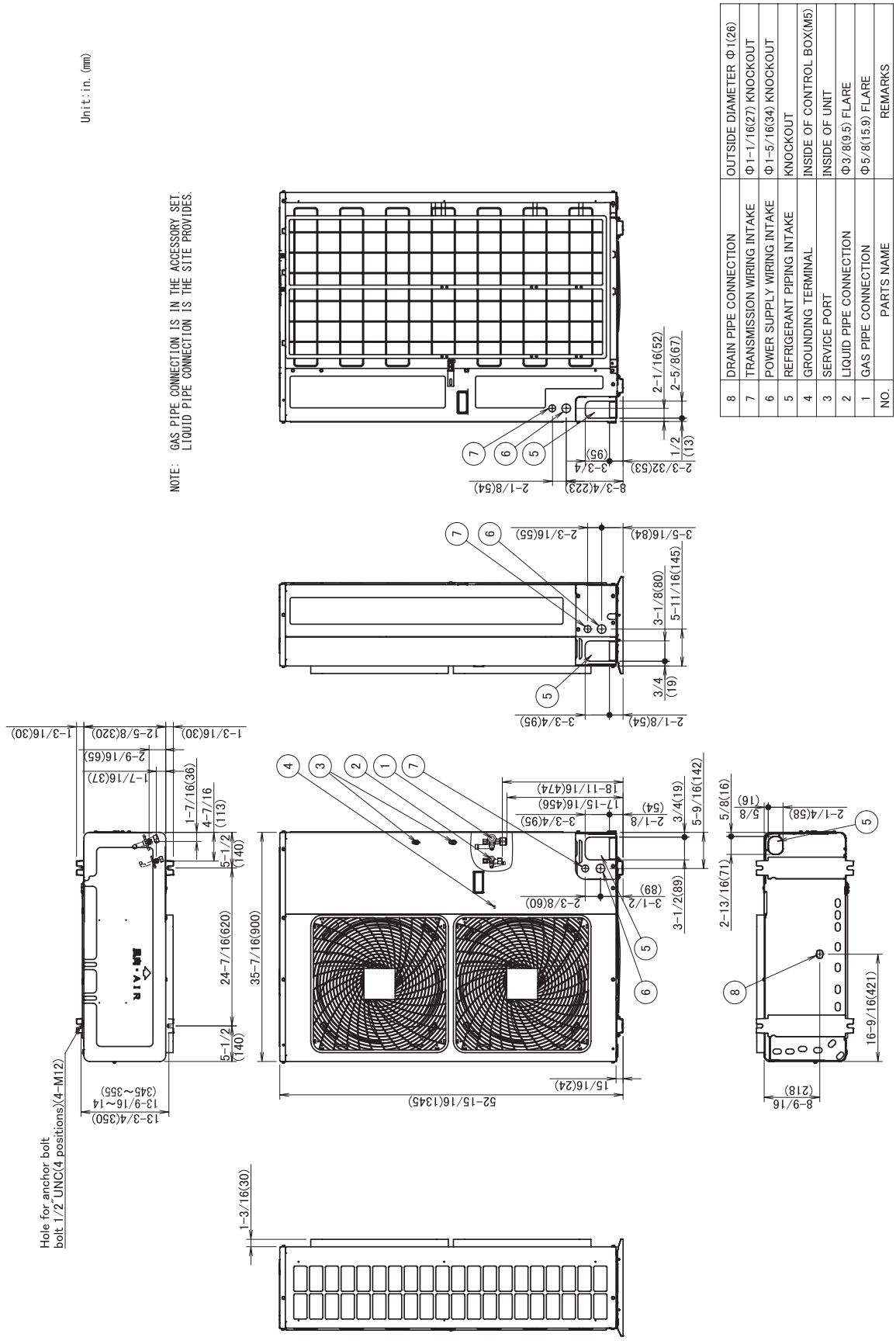
RZR30 - 48TBVJUA
RZQ30 - 48TBVJUA



FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A

Submittal Data Sheet
4.0-Ton DC Ducted Unit
FBQ48TBVJURZQ48TBVJUA

SYSTEM PERFORMANCE			
Indoor Unit Model No.	FBQ48TBVJU	Indoor Unit Name:	HSP Ducted Concealed
Outdoor Unit Model No.	RZQ48TBVJUA	Outdoor Unit Name:	Sky Air 4.0 Ton ODU
Rated Cooling Capacity (Btu/hr):	46,500	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Heating Capacity (Btu/hr) @ 47(°F DB)	54,000	Heating Capacity (Btu/hr) @ 17(°F DB)	38,000
Sensible Capacity (Btu/hr):	35,000	Rated Piping Length(ft):	25
SEER2 (Ducted)	15.3	Rated Height Difference (ft):	0
EER2 (Ducted)	8.3	HSPF2	9.3

SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.9	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):	15	Cooling Range w/Baffle (°F DB):	0-122
Max. Pipe Length (Total) (ft):	230	Max Height Separation (Ind to Ind ft	0

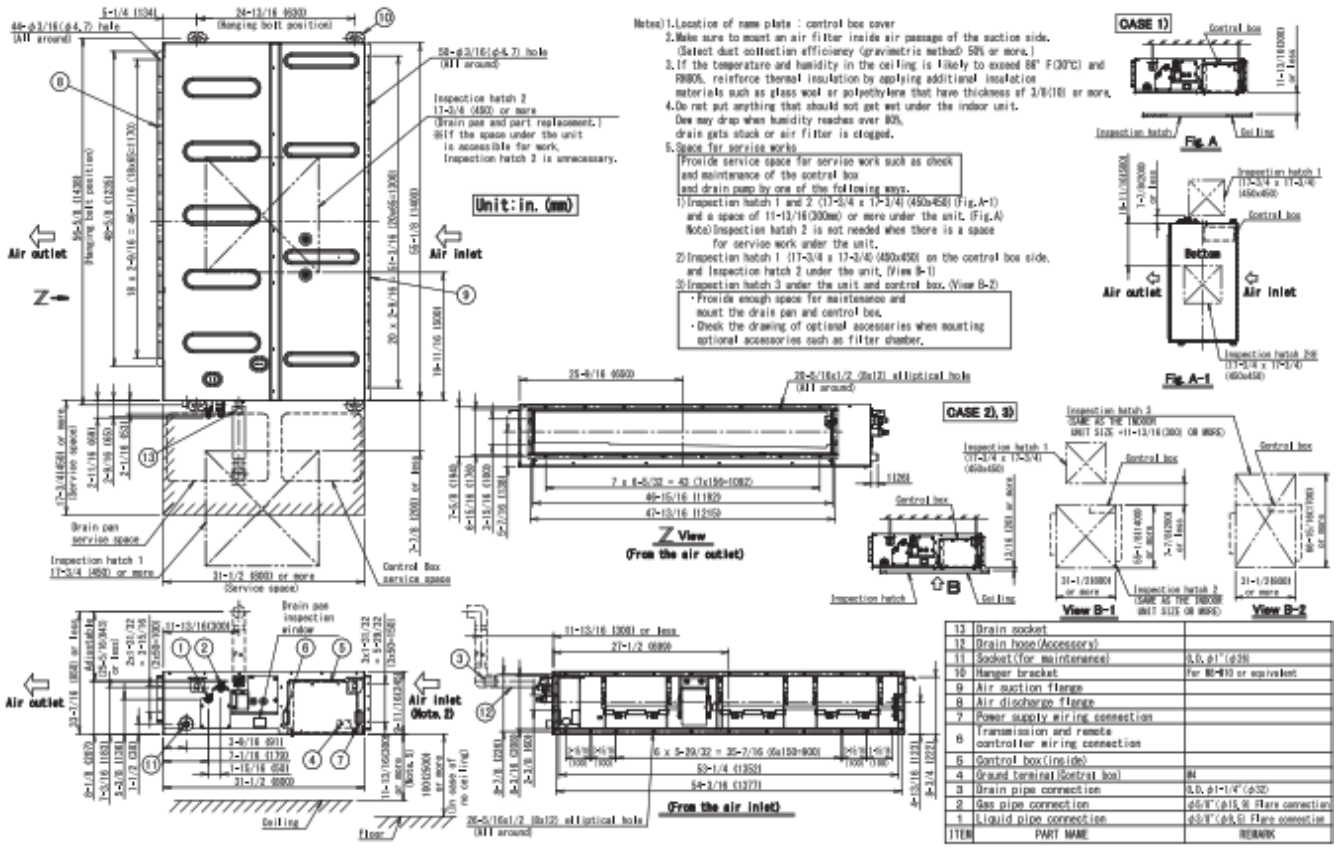
INDOOR UNIT

OUTDOOR UNIT

Submittal Data Sheet
4.0-Ton DC Ducted Unit
FBQ48TBVJURZQ48TBVJUA

INDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1377/1130/918
Power Supply Connections.	L1, L2, Ground	Gas Pipe Connection (inch):	5/8
Min. Circuit Amps MCA (A):	3.6	Liquid Pipe Connection (inch)	3/8
Max Overcurrent Protection (MOP) (A)	15	Condensate Connection (inch):	1-1/4
Dimensions (HxWxD) (in)	9-11/16 X 55-1/8 X 31-1/2	Sound Pressure (H/M/L) (dBA):	48/44/39
Net Weight (lb)	104	Input Cooling Power (W)	464
Ext Static Pressure (Rated/Max) (inWg)	0.5/0.8		

INDOOR UNIT DETAILS

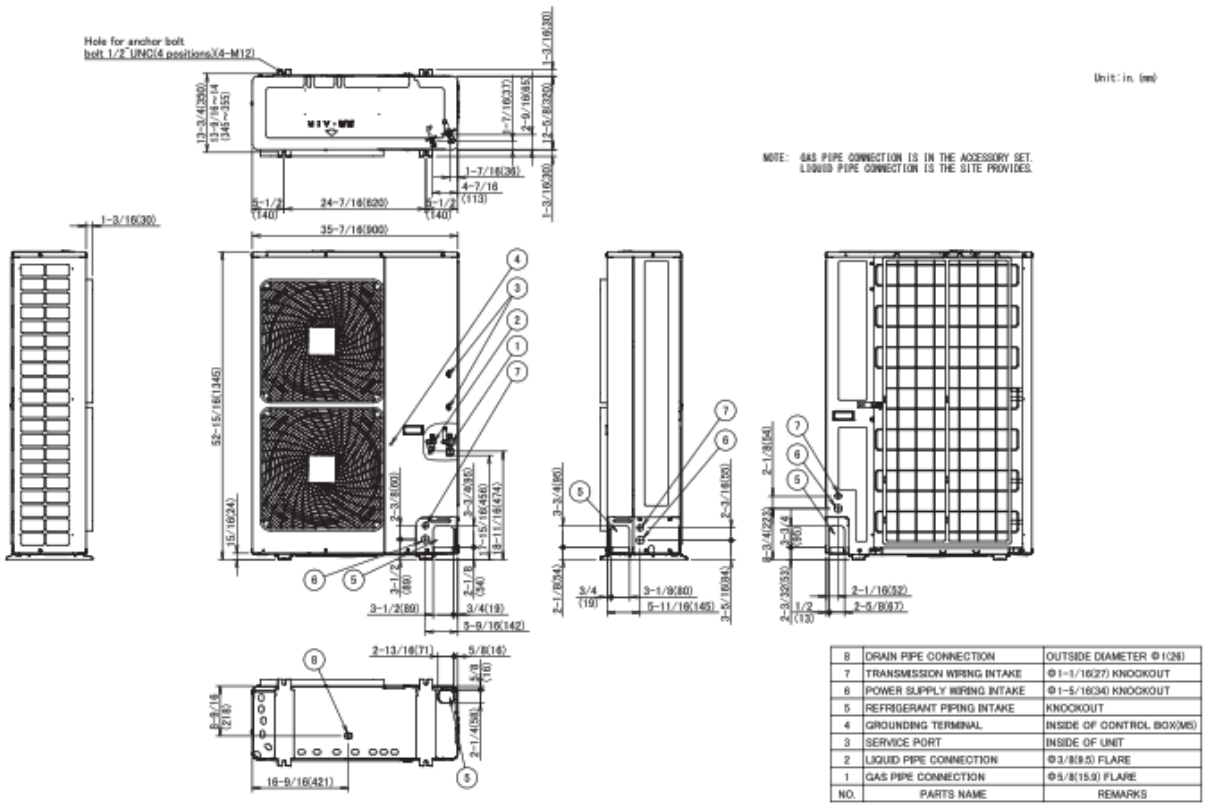


ITEM	PART NAME	REMARK
13	Drain socket	
12	Drain hose(Accessory)	
11	Socket(for maintenance)	O.D. φ1"(φ35)
10	Hanger bracket	for M8~M10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box(inside)	
4	Ground terminal(Control box)	M4
3	Drain pipe connection	O.D. φ1-1/4"(φ32)
2	Gas pipe connection	φ5/8"(φ15.9) Flare connection
1	Liquid pipe connection	φ3/8"(φ9.5) Flare connection

Submittal Data Sheet
4.0-Ton DC Ducted Unit
FBQ48TBVJURZQ48TBVJUA

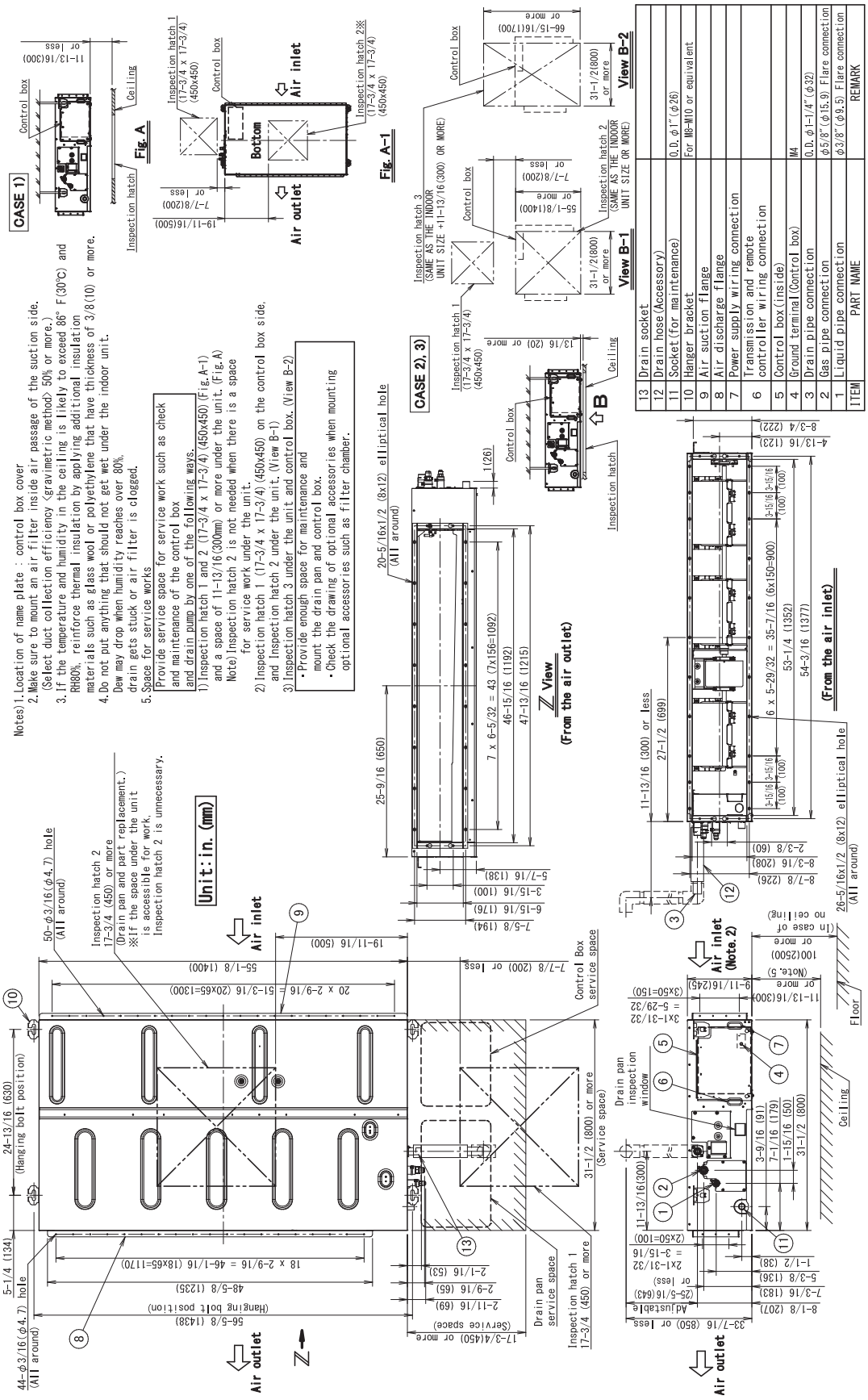
OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (CFM):	3741
Power Supply Connections.	L1, L2, Ground	Gas Pipe Connection (inch):	5/8
Min. Circuit Amps MCA (A):	29.1	Liquid Pipe Connection (inch)	3/8
Max Overcurrent Protection (MOP) (A)	35	Condensate Connection (inch):	1
Dimensions (HxWxD) (in)	52-15/16 X 35-7/16 X 12-5/8	Sound Pressure Overall (dBA):	59
Net Weight (lb)	225		

OUTDOOR UNIT DETAILS			



NO.	PARTS NAME	REMARKS
8	DRAIN PIPE CONNECTION	OUTSIDE DIAMETER Φ1(26)
7	TRANSMISSION WIRING INTAKE	Φ1-1/16(27) KNOCKOUT
6	POWER SUPPLY WIRING INTAKE	Φ1-5/16(34) KNOCKOUT
5	REFRIGERANT PIPING INTAKE	KNOCKOUT
4	GROUNDING TERMINAL	INSIDE OF CONTROL BOX(M5)
3	SERVICE PORT	INSIDE OF UNIT
2	LIQUID PIPE CONNECTION	Φ3/8(9.5) FLARE
1	GAS PIPE CONNECTION	Φ5/8(15.9) FLARE

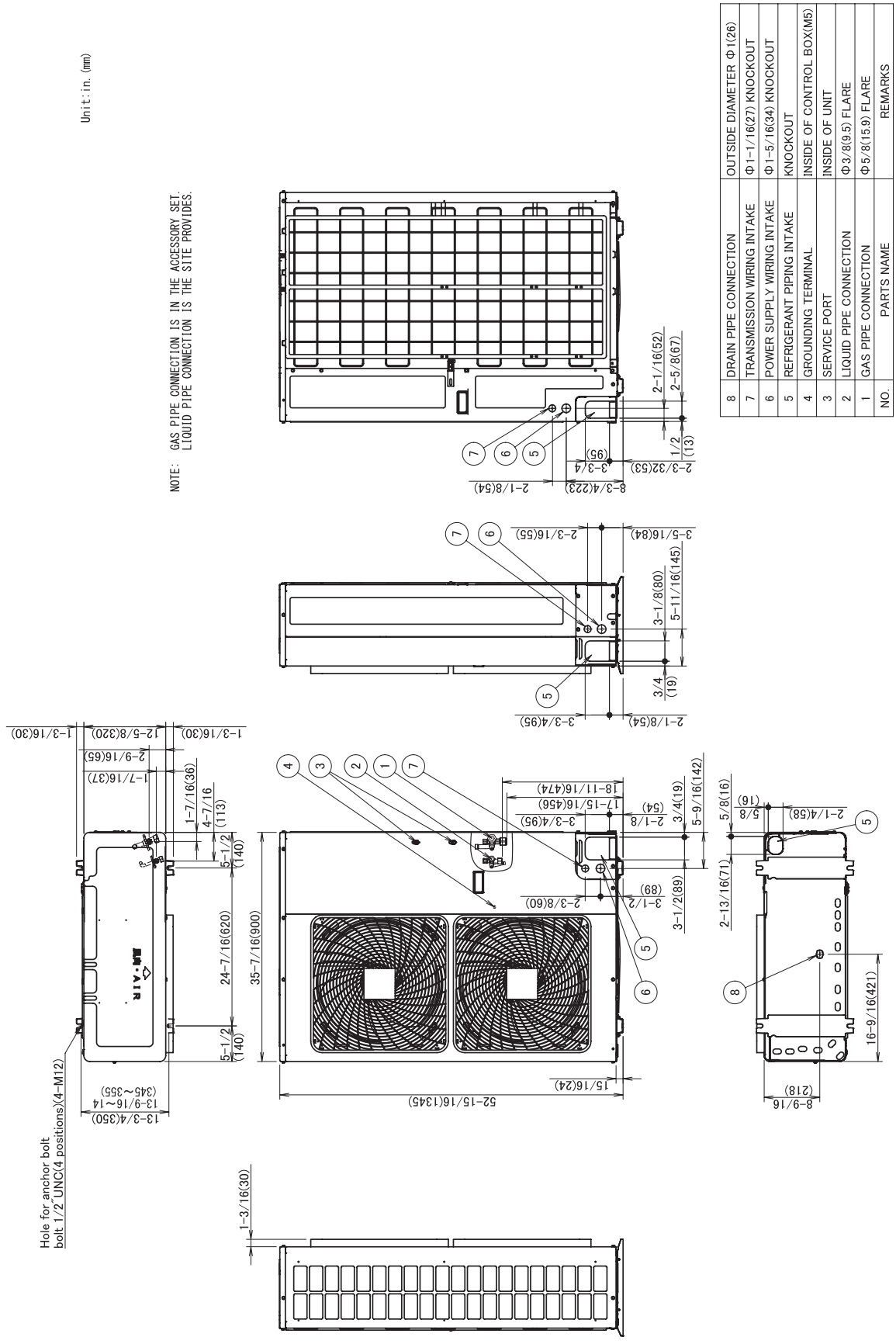
FBQ30 - 48TBVJU



ITEM	PART NAME	REMARK
13	Drain socket	
12	Drain hose(Accessory)	
11	Socket(for maintenance)	O.D. φ1"(φ26)
10	Hanger bracket	For M8~M10 or equivalent
9	Air suction flange	
8	Air discharge flange	
7	Power supply wiring connection	
6	Transmission and remote controller wiring connection	
5	Control box(inside)	
4	Ground terminal(Control box)	M4
3	Drain pipe connection	O.D. φ1-1/4"(φ32)
2	Gas pipe connection	φ5/8"(φ15.9) Flare connection
1	Liquid pipe connection	φ3/8"(φ9.5) Flare connection

3D140724

RZR30 - 48TBVJUA
RZQ30 - 48TBVJUA



FBQ18 - 48TBVJU

Model	Power Supply					IFM		Input (W)		SCCR
	Hz	Volts	Voltage range	MCA	MOP	HP	FLA	Cooling	Heating	
FBQ18TBVJU	60	208/230 V	Max. 253 V Min. 187 V	1.9	15	0.31 (230)	1.5	262	256	SCCR kA rms, Symmetrical @600V MAX:5
FBQ24TBVJU				1.9	15	0.31 (230)	1.5	257	251	
FBQ30TBVJU				3.0	15	0.49 (364)	2.4	397	391	
FBQ36TBVJU				3.1	15	0.49 (364)	2.5	401	395	
FBQ42TBVJU				3.6	15	0.49 (364)	2.9	464	458	
FBQ48TBVJU				3.6	15	0.49 (364)	2.9	464	458	

Symbol:

MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (A)
HP: Fan Motor Rated Output (Hp (W))
FLA: Full Load Ampere (A)
IFM: Indoor Fan Motor
SCCR: Short-Circuit Current Rating

Note:

1. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminals is not below or above listed range limits.
2. Maximum allowable voltage unbalance between phases is 2%.
3. MCA / MOP
   MCA = 1.25 × FLA
   MOP ≤ 4 × FLA
   (Next lower standard fuse rating is minimum 15 A.)
4. Select wiring size based on the MCA.
5. Instead of fuse, use circuit breaker.
6. Cooling power input value includes power required to operate the built-in drain pump.

C: 4D140803

11.3 Outdoor Unit

RZR18 - 48TBVJUA
RZQ18 - 48TBVJUA

Model		Units				Power supply		Comp.	OFM	
		Hz	Volts	Min.	Max.	MCA	MOP	RLA	KW	FLA
RZQ18TBVJUA	H/P	60	208/230	187	253	16.5	20	15.3	0.2	0.6
RZQ24TBVJUA										
RZR18TBVJUA	C/O									
RZR24TBVJUA										
RZQ30TBVJUA	H/P	60	208/230	187	253	29.1	35	19.0	0.070 + 0.070	0.3 + 0.3
RZQ36TBVJUA										
RZQ42TBVJUA										
RZQ48TBVJUA										
RZR30TBVJUA	C/O									
RZR36TBVJUA										
RZR42TBVJUA										
RZR48TBVJUA										

Symbol:
MCA: Minimum Circuit Ampacity (A)
MOP: Maximum Overcurrent Protective Device (See note 7) (A)
RLA: Rated Load Ampere (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Ampere (A)
KW: Fan Motor Rated Output (kW)

Note:
1. RLA is based on the following conditions.
   Power supply: 60 Hz 208/230 V
   Cooling
   Indoor temp. 80.0°FDB (26.7°CDB) / 67.0°FWB (19.4°CWB)
   Outdoor temp. 95.0°FDB (35.0°CDB)
   Heating
   Indoor temp. 70.0°FDB (21.1°CDB)
   Outdoor temp. 47.0°FDB (8.3°CDB) / 43.0°FWB (6.1°CWB)
2. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
3. Maximum allowable voltage variation between phases is 2%.
4. MCA represents maximum input current.
5. MOP represents capacity which may accept MCA.
6. Select wiring size based on the MCA.
7. MOP is used to select a fuse, circuit breaker, or ground fault circuit interrupter.

C: 3D143221A