DRAWING TRANSMITTAL SHEET





OTTAWA SALES OFFICE

Bay 11 20 GURDWARA RD. NEPEAN ON K2E 8B3 (613) 723-1661

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CANADIAN HEAD OFFICE CALGARY AB CANADIAN FACTORY CALGARY AB EDMONTON AB NEWMARKET ON JOB NO. M19890(N5280)

DATE September 17, 2019

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VANCOUVER, EDMONTON, CALGARY, SASKATOON, REGINA, WINNIPEG, LONDON, SUDBURY, TORONTO, HAMILTON, MONTREAL, HALIFAX, MONCTON

CONTRACTOR	R DAIKIN APPLIED CANADA INC							
ADDRESS	15 ANTARES DRIVE, UNIT 5							
	OTTAWA, ON							
	K2E 7Y9							
ENGINEEF	R CNL							
JOB NAME	B-887 AHU							
	R IS SUBJECT TO APPROVAL. MANUFACTURING IS HELD PENDING RETURN OF ONE APPROVED COPY OF MS TO THE INDICATED OFFICE.							
THIS ORDER	R IS NOT SUBJECT TO APPROVAL AND IS BEING MANUFACTURED ACCORDING TO THE ATTACHED FORMS.							
COPIES ENCLOSED	DESCRIPTION							
1	EngA Submittal Record AHU							
1	TwinCity Supply Air Fan Performance Curve and Sound Data							
1	EngA Return Air Fan Performance Curve and Sound Data							
1	EngA Mechanical Drawing M19890M-01-1							
1	EngA Electrical Data Sheet							
1	EngA Carel BacNet Point List							
1	EngA Field Wiring Diagram M19890F-01-1							
1	EngA Submittal Record CU							
1	EngA Mechanical Drawing M19890M-02-1							
1	EngA Electrical Data Sheet							
1	EngA Field Wiring Diagram M19890F-02-1							
1	EngA Installation, Operation and Maintenance Manual (DJ Series)							
1	EngA Installation Operation and Maintenance Manual (CU Series)							
1	EngA Supplementary Install./Maint. Manual (DJ Power Venters)							

EngA	ENGINEERED AI

SUBMITTAL RECORD

JOB NAME:	B-887 AHU		JOB NO:	M19890(N5280)				
CUSTOMER:	DAIKIN APPLIED CANADA INC			CNL				
EngA MODEL:	DJE40/C	QTY: <u>1</u>	TAG: _/	AHU				
SHIPPING AND A	APPROVAL INFORMATION							
MOUNTING Indo	or Base Mounted		ACC	CESS As Per Drawing				
SHIPPING WEIGHT	_2740 lb (1245 kg)		OPI	ERATING WEIGHT 2680 lb (1218 kg)				
	nit in 2 sections							
• Intertek _c ETL ap	proval.							
Refer to mechar	Refer to mechanical drawing for detailed split unit section weights.							
Unit will be shrir	ik wrapped for transportation.							
SUPPLY AIR DA	ΓΔ							

AIR FLOW 4,000 CFM (1,888 l/s)	FAN SIZE (1) 122 BAE-DIDW	TSP	3.7 in w.c. (921 Pa)	RPM	3578		
MOTOR SIZE <u>5 HP (3.73 kW)</u>	TYPE (RPM) Super 'E' ODP (3450)	ESP	1.0 in w.c. (249 Pa)	BHP	3.9 BHP (2.91 kW)		
Supply air fan/motor c/w spring vibration isolation and pillow block bearings.							

RETURN AIR DATA

AIR FLOW _4,000 CFM (1,888 l/s)	FAN SIZE (1) 12/12 FC DIDW	TSP	1.8 in w.c. (448 Pa)	RPM	1106	
MOTOR SIZE 3 HP (2.24 kW)	TYPE (RPM) Super 'E' ODP (1750)	ESP	0.95 in w.c. (237 Pa)	BHP	2.29 BHP (1.71 kW)	
Return air fan/motor c/w rubber in shear vibration isolation and pillow block bearings.						

AIR OPENING DATA

AIR OPENING	LOCATION	DAMPER TYPE	OPERATION				
SUPPLY AIR	See Below [1]						
RETURN AIR	See Below [1]	See Below [2]	Modulating				
OUTSIDE AIR	See Below [1]	See Below [2]	Modulating				
EXHAUST AIR	See Below [1]	See Below [2]	Modulating				
[1] - See Mechanical Drawing							

• [2] - TAMCO Series 1000 Low Leakage Aluminum Air-foil Parallel Blade

CONSTRUCTION DATA

UNIT CABINET	18 gauge satin coat galvanized sheet metal c/w 1" (25 mm) 1.5 lb/ft ³ (24 kg/m ³) insulation on entire unit casing.					
UNIT FLOOR	18 gauge satin coat galvanized sheet metal on entire unit floor.					
EXTERIOR PAINT	EXTERIOR PAINT Electrostatically applied Alkyd Enamel in Aluminum Gray color on all exterior surface but not including unit underside.					
AIRSIDE DOOR	All access - hinged c/w lever type door handles					
SERVICE DOOR	DOOR All access - hinged c/w lever type door handles					
DRAIN PAN 18 gauge 304L stainless steel drain pan c/w drain connection through casing on DX coil section.						
Unit split into 2 Sections. Field wiring is required upon unit assembly. Refer to IOM for details.						

ELECTRICAL DATA

POWER SUPPLY	MINIMUM CIRCUIT AMPACITY	MAXIMUM FUSE(D.E.)	MAXIMUM BREAKER					
575 / 3 / 60	10.5 AMPS	15 AMPS	15 AMPS					
See Electrical Data Sheet for details.								
Unit mounted non fused disconnect switch.								



ENGINEERED AIR

SUBMITTAL RECORD

JOB NAME: B-887 AHU

JOB NO: <u>M1</u>9890(N5280)

EngA MODEL: DJE40/C

QTY: <u>1</u> TAG: <u>AHU</u>

PRE-FILTER SECTION DATA - Side Loaded

FILTER TYPE Pleated Filter with MERV 8 rating	
QTY/SIZE 2 - 24 x 24 x 2" (610 x 610 x 51 mm)	QTY/SIZE
TOTAL GROSS AREA 8.00 SQ.FT. (0.74 SQ. MTRS)	FACE VELOCITY 500 FPM (2.54 m/s)

• Filters may be shipped loose or mounted in the tracks

FINAL FILTER SECTION DATA - Side Loaded

FILTER TYPE Dafco Pleated Filter with MERV 13 rating	
QTY/SIZE 2 - 24 x 24 x 4" (610 x 610 x 102 mm)	QTY/SIZE
TOTAL GROSS AREA 8.00 SQ.FT. (0.74 SQ. MTRS)	FACE VELOCITY 500 FPM (2.54 m/s)
Filters may be shipped loose or mounted in the tracks	

BURNER HEATING DATA - INDIRECT FIRED (DJE-40)

POWE	R BUR	NER	EngA 'H	l' Series		HEAT EXCH. M	ATERIAL	Stainless	Steel			
FUEL	Natura	al Gas	INLET	PRESSURE	7 in w	<i>ı</i> c. (1743 Pa)	GAS FI	ELD CONN	I. 0.75" (19	mm)	FLUE DIA	5 in. (127 mm)
HEAT I	NPUT	375,0	000 Btuh (1	109.87 kW)		HEAT OUTPUT	300,000	Btuh (87.9	90 kW)	TEMP. R	ISE <u>69.0</u> °	F (38.3 °C)
• Eng	A (15 :	1) hig	gh turndow	n burner								
• Thre	ee pass	s heat	exchange	r c/w conder	nsate dr	ain connection						
• Hea	it excha	anger	section ha	is 1"(25 mm)	1.5 lb/	ft(24 kg/m³) insula	ation with	22 gauge s	solid liner			
• Mod	lulating	g comb	oustion air	and gas cor	ntrol.							
• Hea	iting is	contro	olled by CT	RAC contro	ller.							
 Integration 	gral lov	v limit	auto bypa	ss; set @ 40	°F (4.4	°C).						
i) ii) iii) iv)) Maxin) Powe) Contra) Contra	num vo r vento actor is actor s	ent: 18 ft(or, vent mo s responsi shall suppl	otor, vent ho ble to ensur ly and install	ontal ru od and e ventin 6"(152	formation:. n; 8 ft(2.4 m) Vert EngA supplied ba g is installed to th mm) Diameter 'B the unit, an elbow	rometric le accepta gas vent	draft contro ance of the	oller is instal local autho	lled and wire rity having ju	urisdiction.	
l '	, ting is '					·					,	
vi)) Moun	t powe	er venter a	s close to th	e wall te	ermination as pos	sible.					

vii) See enclosed engineered air power venter installation manual for instructions.

DX COIL DATA

COIL SIZE _25 (635) x 46 (1168) x 4R x 12 FPI	VELOCITY _503 FPM (2.56 m/s)					
CAPACITY118,000 Btuh (34.6 kW)	AIR P.D. 0.65 in.wc. (162 Pa)					
ENTERING AIR DB / WB 81°F (27.2°C) / 68.0°F (20.0°C)	LEAVING AIR DB / WB 60.4°F (15.8°C) / 59.0°F (15.0°C)					
SST/SCT <u>50°F (10.0°C) / 126.2°F (52.3°C)</u>	REFRIGERANT TYPE R-410A					
DISTRIBUTOR TYPE (2)4-3-4 SUCTION SIZE 7/8 in (2)	22 mm) QUANTITY 2					
• DX cooling coil c/w auxiliary drain pan(1/2"(13 mm) drain connection), alternate tube circuiting and stainless steel drain pan.						

• Unit DX coil is designed to match remote mounted condensing unit CU92/O in job M19890(CU).

• The hot gas bypass line must be connected to the 5/8"(16 mm) OD spigot provided on the top of the DX coil header.

• CTRAC discharge air control c/w BACNET MS/TP interface - provides 2 stages of mechanical cooling, modulates economizer for free cooling and interfaces with heating control.

• Mechanical cooling operates down to 50°F (10.0°C) ambient temperature.

SHIPPED LOOSE ITEMS (See filter sections for filters)



ENGINEERED AIR

SUBMITTAL RECORD

JOB NAME: B-887 AHU

EngA MODEL: DJE40/C

_____ QTY: <u>1</u>___ TAG: <u>AHU</u>

SHIPPED LOOSE ITEMS (CONTINUED)

1 - Engineered Air TE6000-EA3 Discharge Air Sensor

1 - Tjernlund Products Inc. HS2 Power Venter

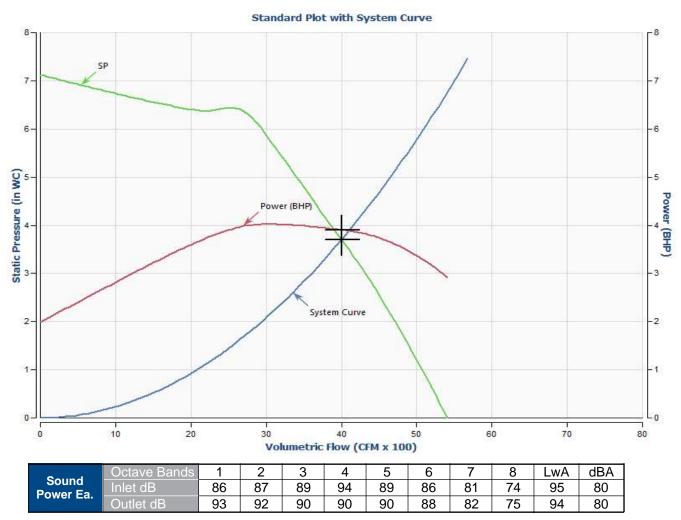
- 1 Tjernlund Products Inc. VH1-6 Vent Hood
- 1 Ontor Limited MG1-6 Control Draft

	Job Name: M19890
Fans & Blowers Twin City	Customer: Job ID: M19890 Date: September 10, 2019
Tag: AHU-SA	
Tay. And-SA	
Fan information	

Size/Model 122/BAE-DW	Class	Outlet Vel (FPM) 2581
Volumetric Flow (CFM) 4000	Speed (RPM)	Density (lb/ft ³) 0.0739
SP (in WC)	Max Speed 3957 RPM @ 70 °F	FEG
	Power (BHP) 3.9	

Adjusted for

Altitude: 413 ft



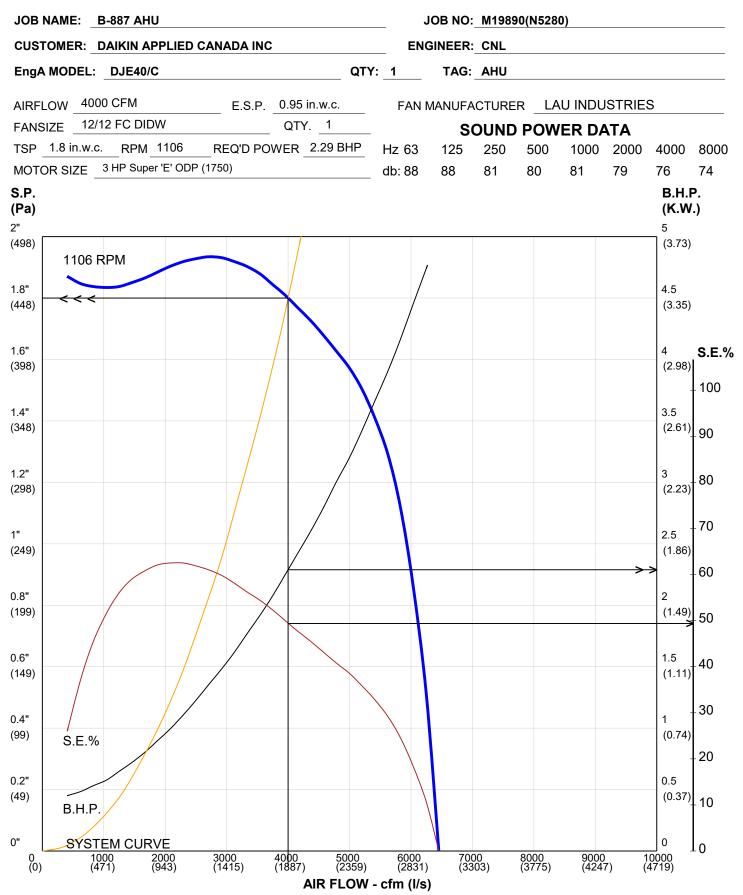
LwA: The overall (single value) fan sound power level in dB re. 10⁻¹² Watts, 'A' weighted. dBA: Estimated sound pressure level (re:0.0002 microbar) based on a single ducted installation at 5 ft., using a directivity factor of 1.

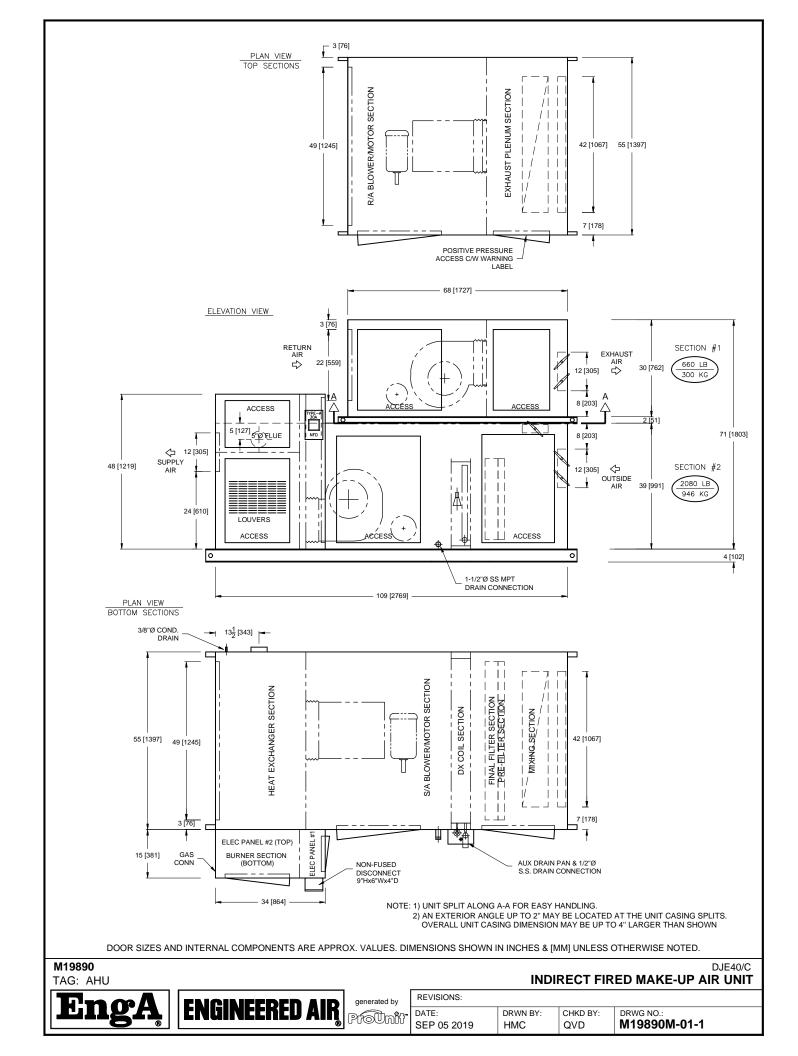
Ver 10.1 October 2018 - Created 09-06-2019 Updated 09-10-2019 Owner Ken Lau Engineered Air All quotations per Twin City Fan Terms and Conditions found at www.twincityfan.com/TC_TCF.pdf





RETURN AIR FAN PERFORMANCE









ELECTRICAL DATA

JOB NAME: <u>B-887 AHU</u>

JOB NO: <u>M19890(N5280)</u>

EngA MODEL: DJE40/C

QTY: <u>1</u> TAG: <u>AHU</u>

Power	Minimum Circuit	Terminal Block to	Maximum Fuse	Maximum Breaker
Supply	Ampacity	Accept	(Dual Element)	
575 / 3 / 60	10.5 AMPS	14 Awg	15 AMPS	15 AMPS

Components	Model	Minimum Conductor Size	Ampacity FLA / LRA
Supply Fan Motor	Super 'E' ODP (3450) 5 HP	14 Awg	4.5
Return Fan Motor	Super 'E' ODP (1750) 3 HP	14 Awg	3.4
Burner Motor(Xfmr)	PSC(Use Xfmr) 1/12 HP	14(14) Awg	1.32 @ 120/1/60
Power Venter Xfmr		14 Awg	.6
Control Xfmr		14 Awg	.4

UNIT CONTROL PANEL(S) SHORT CIRCU	IT CURRENT RATING (SCCR)
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Short circuit current _____5 kA rms symmetrical, ____575 V maximum

WIRING DRAWING LEGEND					
APS	Air Proving Switch	DM	Damper Motor	NFD	Non Fused Disconnect
ASF	Auto Fan Switch	FR	Fan Relay	OL	Thermal Overload
AUX	Auxiliary Contact	GND	Ground	PS	Pressure Sensor
BM	Burner Motor	GV	Gas Valve	PV	Pilot Gas Valve
С	Contactor	HL	High Limit	R	Relay
CCH	Compressor Crankcase Heater	HPC	High Pressure Control	RevHL	Reverse Airflow High Limit
CFC	Condenser Fan Control	HR	Heating Relay	TB	Terminal Block
CLC	Compressor Loading Control	IGN	Ignition Control	TDF	Time Delay Fuse
CPM	Compressor Protection Module	ITP	Internal Thermo Protection	TDR	Time Delay Relay
CR	Cooling Relay	LPC	Low Pressure Control	TS	Temperature Sensor
CS	Current Sensor	Μ	Motor	VFD	Variable Frequency Drive
DHSS	Draft Hood Spill Switch	MV	Main Gas Valve	XFMR	Transformer





ELECTRICAL DATA

JOB NAME: <u>B-887 AHU</u>

JOB NO: <u>M19890(N5280)</u>

EngA MODEL: DJE40/C

QTY: <u>1</u> TAG: <u>AHU</u>

UNIT FUNCTION

CTRAC-3 Program #11

CRD display or EMS can start/stop CTRAC controller.

CRD or EMS can change discharge air and damper minimum position setpoints.

EMS has full control of setpoints and control modes.

Unit mounted non fused disconnect switch 'on', service switch 'on', fire alarm contact (by others) 'closed' (jumper if not required).

EMS command Unit On/Off = ON, outside air damper opens to minimum position of 20% (adjustable). After time delay, the blowers are enabled and run continuously.

The C-TRAC3 controller, with an adjustable discharge air setpoint from EMS will modulate heating or cooling (and cycle 2 stages of compressors) to maintain the required discharge air temperature.

Cool Mode Enabled

If the C-TRAC3 is in cooling mode and there is a call for cooling, the C-TRAC3 will begin staging on the mechanical cooling. The discharge air temperature control band is from 55°F (12.8°C) to 95°F (35°C). Mechanical cooling is disabled below 50°F (10°C) ambient temperature.

Economizer Mode Enabled

In economizer mode, the C-TRAC3 will modulate the mixing dampers to maintain the required discharge air temperature. The outside air damper minimum position is set at 20% outside air (EMS adjustable). Economizer is disabled to minimum position at 20% outside air (EMS adjustable) above 70°F (21.1°C) ambient temperature or when in cooling or heating mode. When in economizer mode the discharge air temperature control band is from 55°F (12.8°C) to 95°F (35°C).

Heat Mode Enabled

If the C-TRAC3 is in heating mode and there is a call for heat, the C-TRAC3 will close the HE contacts and output a 0 - 10 vdc modulating heating signal directly to the DJM-2 heating controller. Heating is disabled above 90°F (32.2°C) ambient temperature. When in heating mode, the discharge air temperature control band is from 55°F (12.8°C) to 95°F (35°C).

EMS command Unit On/Off = 'OFF', C-TRAC3 begins shutdown cycle, dampers and blowers delay off and then unit shuts down. If non fused disconnect switch 'off', or service switch 'off', or the fire alarm contact 'open', equipment operation is disabled immediately. If the discharge air temperature falls below 40°F (4.4°C), the C-TRAC3 will shut down fans, close dampers and indicate alarm.

Refer to the C-TRAC3 face mounted LED's for mode indication and status.

Note 1. Compressor(s) cycle has minimum run time, minimum off time and interstage timing.

Note 2. Refer to manuals shipped with unit for more detailed explanation of maintenance, components and controls.

Note 3. Go to www.engineeredair.com/manuals/manuals.asp for online manual details.



Tag No: AHU

Network Control Variable List - C-TRAC3 BACnet

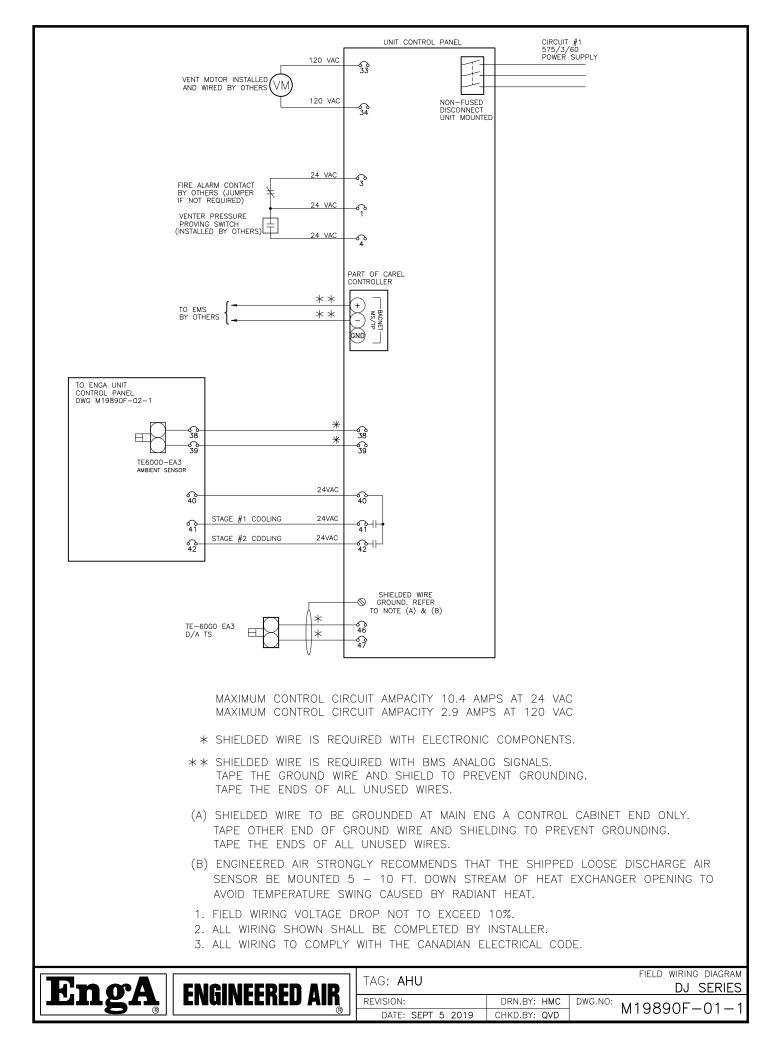
Variable	Description (Revision 6.6 Sept 15)	Note
BV36	Air Flow Problem	R
BV26	Ambient Sensor Alarm	R
AV11	Ambient Temperature	R
BV10	Blower Status	R
BV13	Cooling Lockout - Low Ambient Temperature	R
BV5	Cooling Mode - A	R
AV18	Cooling Modulated Output	R
AV17	Cooling Stages % On	R
BV50	Cooling Status - Mechanical Cooling On/Off	R
AV19	Damper % Open	R
BV16	Damper Contact DM closed	R
AV7	Damper Minimum Position	R
BV11	Damper Override Low Discharge Temperature	R
BV19	Discharge Air Low Limit Lockout	R
BV24	Discharge Air Sensor Alarm	R
AV12	Discharge Air Temperature	R
AV14	Discharge Air Temperature Setpoint	R
BV22	DJ or DG Flame Failure Alarm	R
BV21	DJ or DG Prepurge Alarm	R
BV17	Economizer At Minimum Due to High Ambient	R
BV15	Economizer Mode	R
BV6	Economizer Mode - E	R
BV47	EMS Cooling Enabled	R/W
AV0066	EMS Damper Minimum Position Setpoint	R/W
BV43	EMS Dehumidification Enabled	R/W
AV25	EMS Discharge Air Setpoint	W
AV26	EMS Discharge Air Setpoint	R
BV45	EMS Economizer Enabled	R/W
BV48	EMS Heating Enabled	R/W
AV27	EMS Secondary Discharge Air Setpoint	W
AV28	EMS Secondary Discharge Air Setpoint	R
BV42	EMS Unit Command On/Off	R/W
BV14	External Cooling Lockout - A	R
BV41	Heat Fail Lockout	R
BV20	Heat Failure Lockout	R
BV40	Heating Lockout High Ambient Temperature	R
BV7	Heating Mode - HS	R
AV20	Heating Modulating % Output	R
BV39	Heating Status	R
BV23	LMK or HE Failure Alarm	R
BV4	Occupied Mode - FS	R
BV25	Secondary Discharge Air Sensor Alarm	R
AV13	Secondary Discharge Air Temperature	R
BV35	Sensor Failure Alarm	R



Tag No: AHU

Network Control Variable List - C-TRAC3 BACnet

Variable	Description (Revision 6.6 Sept 15)	Note
AV1044	Unit On/Off Status	R
BV8	Unoccupied Mode - K	R
Bv18	VFD Cooling Lockout - Limit Stages due to Low Air Volume	R
AV10	VFD Speed Feedback	R
BV49	Write to Flash	R/W





EngA || ENGINEERED AIR

SUBMITTAL RECORD

JOB NAME: <u>B-887 AHU</u>	JOB NO:М19890(N5280)
CUSTOMER: DAIKIN APPLIED CANA	DA INC ENGINEER: CNL
EngA MODEL: <u>CU92/O</u>	QTY: <u>1</u> TAG: <u>CU</u>
SHIPPING AND APPROVAL INFORMATION	
MOUNTING Outdoor Base Mounted	ACCESS As Per Drawing
SHIPPING WEIGHT 1020 lb (464 kg)	OPERATING WEIGHT 1000 lb (455 kg)

NO. OF PIECES 1 Unit

• Intertek cETL approval.

CONSTRUCTION DATA

UNIT CABINET	18 gauge satin coat galvanized sheet metal on entire unit casing.
UNIT FLOOR	18 gauge satin coat galvanized sheet metal on entire unit floor.
EXTERIOR PAINT	Electrostatically applied Alkyd Enamel in Aluminum Gray color - Level 1 on all exterior surface but not including unit
	underside.
SERVICE DOOR	All access - hinged c/w camlock fasteners

ELECTRICAL DATA

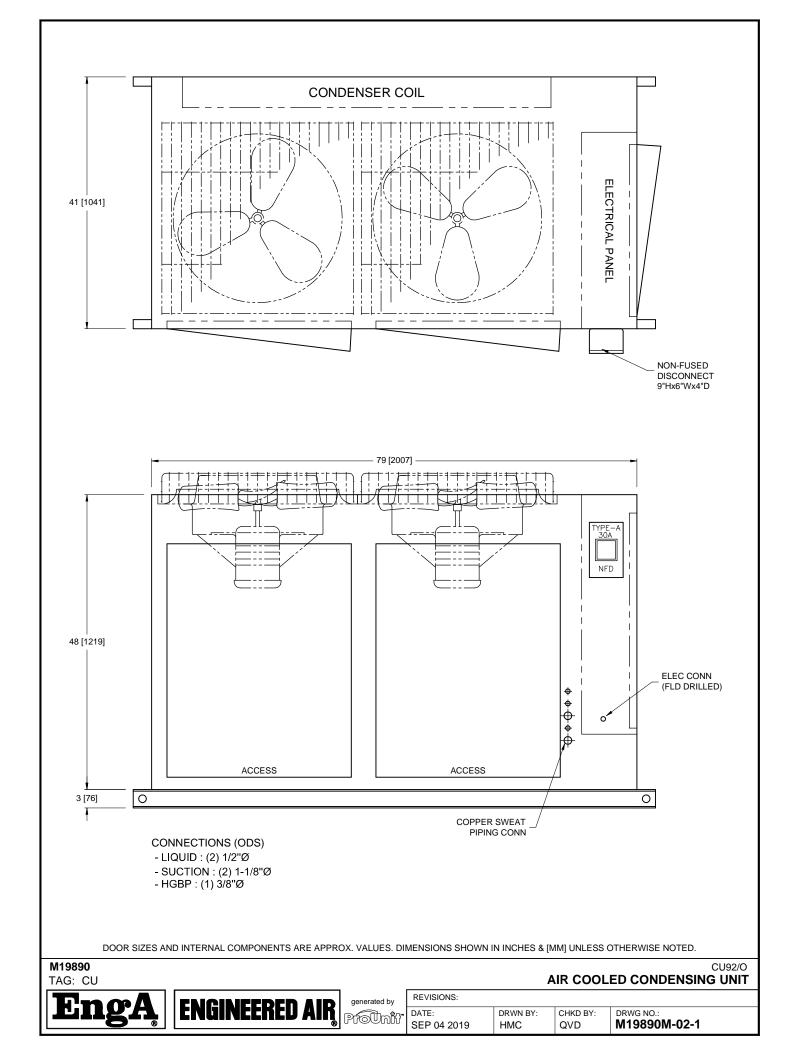
POWER SUPPLY	MINIMUM CIRCUIT AMPACITY	MAXIMUM FUSE(D.E.)	MAXIMUM BREAKER
575 / 3 / 60 15.9 AMPS		20 AMPS	20 AMPS
See Electrical Data Sheet for details.			
Unit mounted non fused disconnect switch.			

AIR COOLED CONDENSER DATA

CAPACITY 118,000 Btuh (34.6 kW)	REFRIGERANT CONN. SIZES Liquid - (2) 1/2" (1	3 mm), Suction - (2) 1 1/8" (29 mm)
DESIGN AMBIENT TEMP 95°F (35.0°C)	SST/SCT 50°F (10.0°C) / 126.2°F (52.3°C)	REFRIGERANT TYPE R-410A
COMPRESSOR TYPE Hermetic Scroll	MODEL ZP54K5E-TFE-130	QUANTITY 2

Compressor circuits c/w hot gas bypass tee on lead compressor, discharge line check valve, low pressure control and high pressure • control.

- Maximum total length of refrigerant piping from condensing unit to DX coil shall not exceed 35 ft(10.7 m).
- The hot gas bypass line must be connected to the 5/8"(16 mm) OD spigot provided on the top of the DX coil header.
- CTRAC (mounted in Job: M19890 (AHU) Model: DJE40/C) discharge air control provides 2 stages of mechanical cooling, modulates economizer for free cooling and interfaces with heating control.
- Mechanical cooling operates down to 50°F (10.0°C) ambient temperature.
- Condensing unit is designed to match remote DX coil mounted in Job: M19890 (AHU) Model: DJE40/C. •







ELECTRICAL DATA

JOB NAME: <u>B-887 AHU</u>

JOB NO: <u>M19890(N5280)</u>

EngA MODEL: CU92/O

QTY: <u>1</u> TAG: <u>CU</u>

Power	Minimum Circuit	Terminal Block to	Maximum Fuse	Maximum Breaker
Supply	Ampacity	Accept	(Dual Element)	
575 / 3 / 60	15.9 AMPS	12 Awg	20 AMPS	20 AMPS

Components	Model	Minimum Conductor Size	Ampacity FLA / LRA
Compressor #1 and #2	ZP54K5E-TFE-130	14 Awg	5.8 / 38.9
Condenser Fan Motor #1 and #2	OPAO 0.75 HP	14 Awg	1.2
Crankcase Heater (2 total)		14 Awg	.07
Main Control Xfmr		14 Awg	.4

	UNIT CONTROL PANEL(S) SHORT CIRCUIT CURRENT RATING (SCCR)					
	Short circuit current	5	kA rms symmetrical,	575	V maximum	
WIRING DRAWING LEGEND						

AF	rs	Air Proving Switch	DM	Damper Motor	NFD	Non Fused Disconnect
AS	SF	Auto Fan Switch	FR	Fan Relay	OL	Thermal Overload
AL	JX	Auxiliary Contact	GND	Ground	PS	Pressure Sensor
BN	Λ	Burner Motor	GV	Gas Valve	PV	Pilot Gas Valve
C		Contactor	HL	High Limit	R	Relay
CC	СН	Compressor Crankcase Heater	HPC	High Pressure Control	RevHL	Reverse Airflow High Limit
CF	С	Condenser Fan Control	HR	Heating Relay	TB	Terminal Block
CL	C	Compressor Loading Control	IGN	Ignition Control	TDF	Time Delay Fuse
CF	РМ	Compressor Protection Module	ITP	Internal Thermo Protection	TDR	Time Delay Relay
CF	र	Cooling Relay	LPC	Low Pressure Control	TS	Temperature Sensor
CS	3	Current Sensor	Μ	Motor	VFD	Variable Frequency Drive
DH	ISS	Draft Hood Spill Switch	MV	Main Gas Valve	XFMR	Transformer

UNIT FUNCTION

Unit mounted non-fused disconnect switch 'on', service switch 'on'.

On stage #1 cooling call from CTRAC controller (mounted in Job: M19890 (AHU) Model: DJE40/C), condenser fan starts and runs continuously, the liquid line (#1) solenoid valve (by others) & hot gas bypass solenoid valve (by others) 'open', allowing refrigerant pressure to close the low pressure switch, the first compressor starts and runs continuously.

Stages #2 operates the same way as stage #1 with the exception of hot gas bypass.

When cooling is satisfied, liquid line and hot gas bypass solenoid valves 'closed'. Compressor will continue to run until the low pressure switch 'open'. Compressor operates on a one time pump down basis.

Mechanical cooling is locked out when ambient is blow 50°F (10.0°C).

Non-fused disconnect switch 'off', or service switch 'off', unit is off.

Note 1. Compressor(s) cycle(s) with minimum run time, minimum off time and interstage timing. Note 2. Refer to manuals shipped with unit for a more detailed explanation of maintenance, component(s) and/or controller(s).

DATE: <u>17-SEP-2019</u>

