

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL09H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	9000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1
RLA	(A) 0.9

Air flow & Noise level

Indoor Air Flow (Hi/Med/Lo)	(CFM)	352.94/282.35/176.47
Indoor Noise Level (Hi/Med/Lo)	(dB)	33.5/28.5/27
External Static Pressure Range (ESP)	(Pa)	0-80
	(W.C)	0-0.32

Electrical

Minimum Circuit Ampacity	(A)	1.3
Max. Fuse	(A)	15

Dehumidification

Dehumidification	(L/H)	1.02
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Indoor unit

Dimension (WxDxH)	(inch)	27.56x19.92x7.87
	(mm)	700x506x200
Packing(WxDxH)	(inch)	33.86x21.26x11.22
	(mm)	860x540x285
Net/Gross weight	(lbs.)	39.02/48.28
	(kg)	17.7/21.9

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	62~90 / 32~86
	(Deg. °C)	17~32 / 0~30

REFRIGERANT PIPING DATA

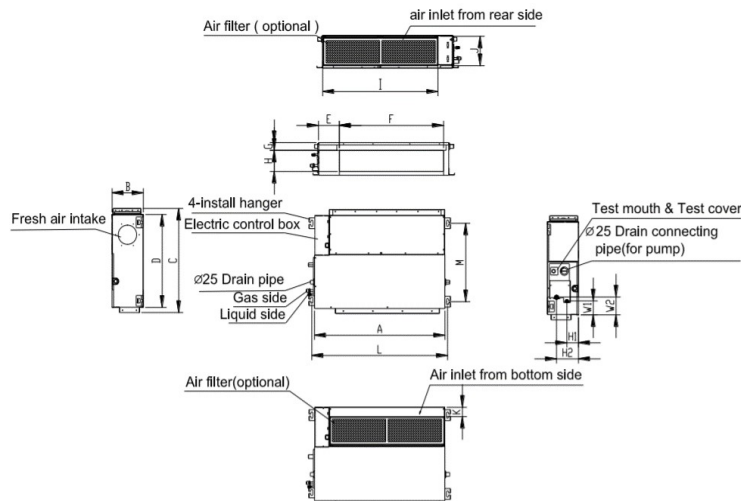
Design Pressure	(PSIG)	550/340
Refrigerant Type	-	R410A
Refrigerant Charge	(oz)	38.09592
Refrigerant Precharge	(ft)	25
	(m)	7.5

Additional Charge For Each ft	(oz/ft)	0.16
Additional Charge For Each m	(g/m)	15
Liquid Side/ Gas Side	(inch)	1/4"/3/8"
	(mm)	6.35/9.52

ACCESSORIES

Standard Wired Controller
Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL12H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	11500
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Indoor Fan Motor

Type		Cross-Flow
Qty		1
RLA	(A)	1

Air flow & Noise level

Indoor Air Flow (Hi/Med/Low)	(CFM)	352.94/282.35/176.47
Indoor Noise Level (Hi/Med/Low)	(dB)	38/34.5/31
External Static Pressure Range (ESP)	(Pa)	0-80
	(W.C)	0-0.32

Electrical

Minimum Circuit Ampacity	(A)	1.3
Max. Fuse	(A)	15

Dehumidification

Dehumidification	(L/H)	1.6
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Indoor unit

Dimension (WxDxH)	(inch)	27.56x19.92x7.87
	(mm)	700x506x200
Packing (WxDxH)	(inch)	33.86x21.26x11.22
	(mm)	860x540x285
Net/Gross weight	(lbs.)	39.24/48.50
	(kg)	17.8/22

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	62~90 / 32~86
	(Deg. °C)	17~32 / 0~30

REFRIGERANT PIPING DATA

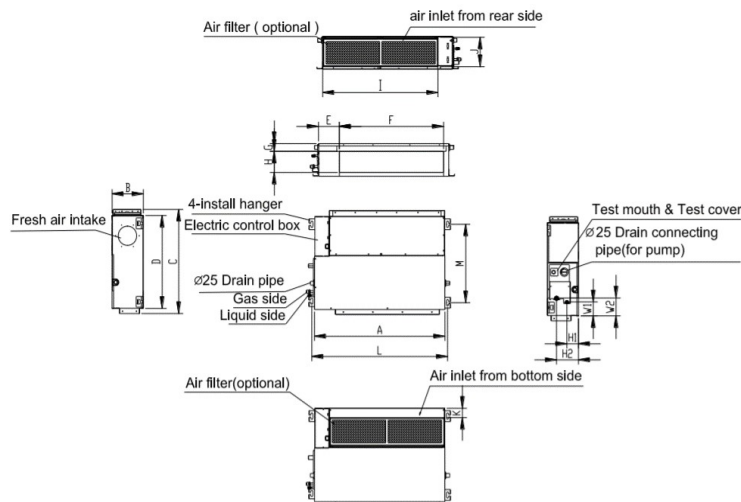
Design Pressure	(PSIG)	550/340
Refrigerant Type	-	R410A
Refrigerant Charge	(oz)	38.09592
Refrigerant Precharge	(ft)	25
	(m)	7.5

Additional Charge For Each ft	(oz/ft)	0.16
Additional Charge For Each m	(g/m)	15
Liquid Side/ Gas Side	(inch)	1/4"/1/2"
	(mm)	6.35/12.7

ACCESSORIES

Standard Wired Controller
Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL18H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	17000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1
RLA	(A) 1.2

Air flow & Noise level

Indoor Air Flow (Hi/Med/Low)	(CFM)	529.41/450.00/370.59
Indoor Noise Level (Hi/Med/Low)	(dB)	42/38/35.5
External Static Pressure Range (ESP)	(Pa)	0-100
	(W.C)	0-0.4

Electrical

Minimum Circuit Ampacity	(A)	3
Max. Fuse	(A)	15

Dehumidification

Dehumidification	(L/H)	1.47
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Indoor unit

Dimension (WxDxH)	(inch)	34.65x26.54x8.27
	(mm)	880x674x210
Packing(WxDxH)	(inch)	42.13x28.54x11.02
	(mm)	1070x725x280
Net/Gross weight	(lbs.)	55.34/67.02
	(kg)	25.1/30.4

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	62~90 / 32~86
	(Deg. °C)	17~32 / 0~30

REFRIGERANT PIPING DATA

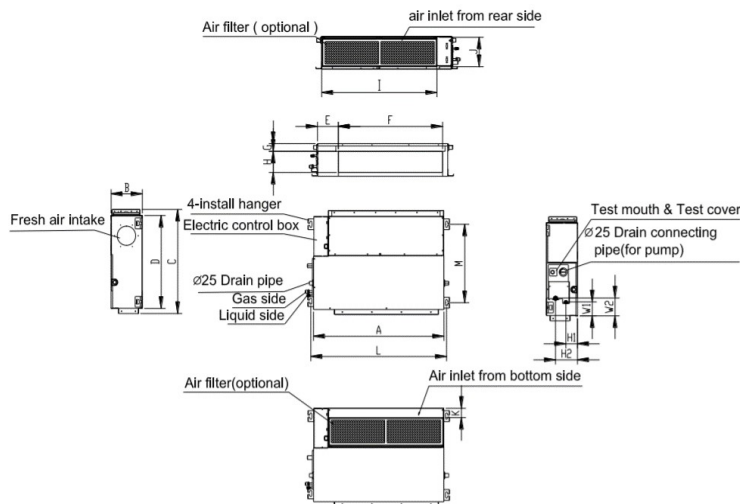
Design Pressure	(PSIG)	550/340
Refrigerant Type	-	R410A
Refrigerant Charge	(oz)	56.44
Refrigerant Precharge	(ft)	25
	(m)	7.5

Additional Charge For Each ft	(oz/ft)	0.16
Additional Charge For Each m	(g/m)	15
Liquid Side/ Gas Side	(inch)	1/4"/1/2"
	(mm)	6.35/12.7

ACCESSORIES

Standard Wired Controller
Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model (KBtu/h)	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL24H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	23000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1
RLA	(A) 1.5

Air flow & Noise level

Indoor Air Flow (Hi/Med/Lo)	(CFM)	775.47/693.06/434.88
Indoor Noise Level (Hi/Med/Lo)	(dB)	44/41/37
External Static Pressure Range (ESP)	(Pa)	0-160
	(W.C)	0-0.64

Electrical

Minimum Circuit Ampacity	(A)	3
Max. Fuse	(A)	15

Dehumidification

Dehumidification	(L/H)	1.52
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Indoor unit

Dimension (WxDxH)	(inch)	43.31x30.47x9.80
	(mm)	1100x774x249
Packing (WxDxH)	(inch)	51.38x31.69x12.40
	(mm)	1305x805x315
Net/Gross weight	(lbs.)	90.39/105.82
	(kg)	41/48

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	62~90 / 32~86
	(Deg. °C)	17~32 / 0~30

REFRIGERANT PIPING DATA

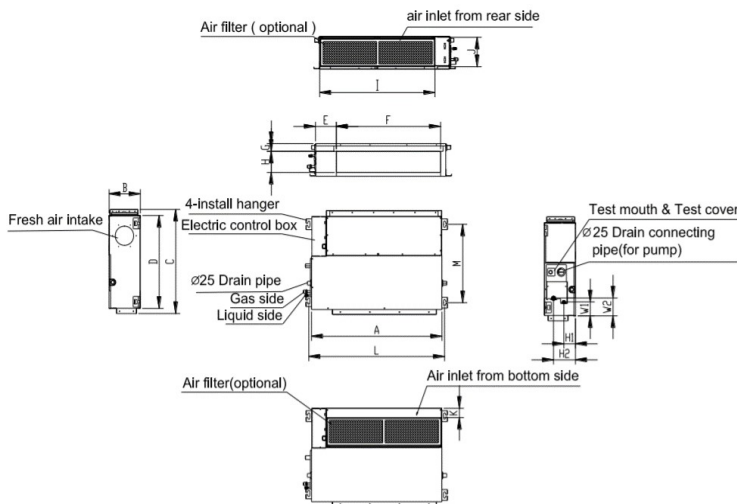
Design Pressure	(PSIG)	550/340
Refrigerant Type	-	R410A
Refrigerant Charge	(oz)	82.89
Refrigerant Precharge	(ft)	25
	(m)	7.5

Additional Charge For Each ft	(oz/ft)	0.32
Additional Charge For Each m	(g/m)	30
Liquid Side/ Gas Side	(inch)	3/8"/5/8"
	(mm)	9.52/15.9

ACCESSORIES

Standard Wired Controller
Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL36H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	36000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1

Air flow & Noise level

Indoor Air Flow (Hi/Med/Low)	(CFM)	1081.76/912.35/702.94
Indoor Noise Level (Hi/Med/Low)	(dB)	48.0/43.5/40.5
External Static Pressure Range (ESP)	(Pa)	0-160
	(W.C)	0-0.64

Electrical

Minimum Circuit Ampacity	(A)	15
Max. Fuse	(A)	15.0

Indoor unit

Dimension (WxDxH)	(inch)	54x30x10
	(mm)	1360x774x249
Packing(WxDxH)	(inch)	62x32x12
	(mm)	1570x805x305
Net/Gross weight	(lbs.)	106/122
	(kg)	48.3/55.5

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	60~90 / 32~86
	(Deg. °C)	16~32 / 0~30

REFRIGERANT PIPING DATA

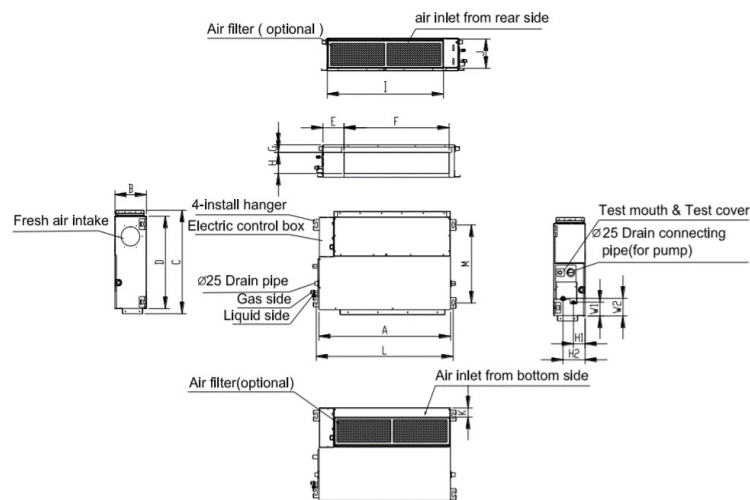
Design Pressure	(PSIG)	550/340
Refrigerant Type/Charged	(g)	R410A/3200
	(oz)	R410A/112.9
Refrigerant Precharge	(ft)	25
	(m)	7.62

Additional charge for each ft	(g)	30
	(oz)	0.32
Liquid Side/ Gas Side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9

ACCESSORIES

Standard Wired Controller
Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL48H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253



INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	48000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1

Air flow & Noise level

Indoor Air Flow (Hi/Med/Low)	(CFM)	1228.41/1031.00/714.65
Indoor Noise Level (Hi/Med/Low)	(dB)	52.0/50.0/49.0
External Static Pressure Range (ESP)	(Pa)	0-160
	(W.C)	0-0.64

Electrical

Minimum Circuit Ampacity	(A)	5
Max. Fuse	(A)	15.0

Indoor unit

Dimension (WxDxH)	(inch)	47.24x34.41x11.81
	(mm)	1200x874x300
Packing(WxDxH)	(inch)	55.31x36.02x13.98
	(mm)	1405x915x355
Net/Gross weight	(lbs.)	120/142
	(kg)	54.3/64.3

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	60~90 / 32~86
	(Deg. °C)	16~32 / 0~30

REFRIGERANT PIPING DATA

Design Pressure	(PSIG)	550/340
Refrigerant Type/Charged	(g)	R410A/4500
	(oz)	R410A/158.7
Refrigerant Precharge	(ft)	25
	(m)	7.62

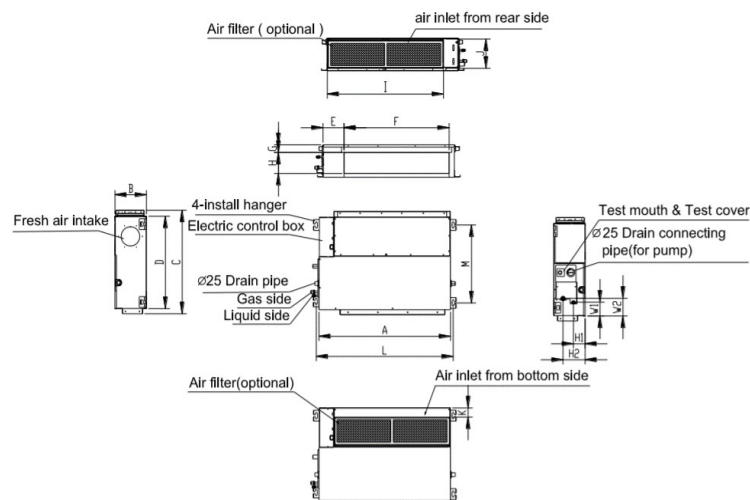
Additional charge for each ft	(g)	30
	(oz)	0.32
Liquid Side/ Gas Side	(inch)	3/8" / 5/8"
	(mm)	9.52/15.9

ACCESSORIES

Standard Wired Controller

Built-in Condensate Pump

INDOOR UNIT DIMENSION



Model	unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
9/12	mm	700	200	506	450	137	537	30	152	599	186	50	741	360	84	140	84	84
	inch	27.6	7.9	19.9	17.7	5.4	21.1	1.2	6.0	23.6	7.3	2.0	29.2	14.2	3.3	5.5	3.3	3.3
18	mm	880	210	674	600	140	706	50	136	782	190	40	920	508	78	148	88	112
	inch	34.6	8.3	26.5	23.6	5.5	27.8	2.0	5.4	30.8	7.5	1.6	36.2	20.0	3.1	5.8	3.5	4.4
24	mm	1100	249	774	700	140	926	50	175	1001	228	5	1140	598	80	150	130	155
	inch	43.3	9.8	30.5	27.6	5.5	36.5	2.0	6.9	39.4	9.0	0.2	44.9	23.5	3.1	5.9	5.1	6.1
36	mm	1360	249	774	700	140	1186	50	175	1261	228	5	1400	598	80	150	130	155
	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1
48	mm	1200	300	874	800	123	1044	50	227	1101	280	5	1240	697	80	150	185	210
	inch	47.2	11.8	34.4	31.5	4.8	41.1	2.0	8.9	43.3	11.0	0.2	48.8	27.4	3.1	5.9	7.3	8.3

SUBMITTAL DATA

Job Name:	Location:
Engineer:	Drawing #:
Submitted to:	Reference ☐ Approval ☐ Construction ☐

INDOOR MODEL

Indoor unit model: IUMDL60H/I43P

Certifications:



Electrical Specification

Power supply

Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253

INDOOR UNIT DATA

Capacity

Nominal Capacity	(Btu/hr)	55000
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Indoor Fan Motor

Type	Cross-Flow
Qty	1
RLA	(A) 2.5

Air flow & Noise level

Indoor Air Flow (Hi/Med/Lo)	(CFM)	2302.94/2155.88/1709.41/1261.76
Indoor Noise Level (Hi/Med/Lo)	(dB)	54/49.5/46
External Static Pressure Range (ESP)	(Pa)	0-200
	(W.C)	0-0.8

Electrical

Minimum Circuit Ampacity	(A)	5
Max. Fuse	(A)	15

Dehumidification

Dehumidification	(L/H)	5.84
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Indoor unit

Dimension (WxDxH)	(inch)	55.12x33.78x18.11
	(mm)	1400x858x460
Packing (WxDxH)	(inch)	63.19x35.83x21.06
	(mm)	1605x910x535
Net/Gross weight	(lbs.)	174.60/200.40
	(kg)	79.2/90.9

Operating Temperature Range

Cooling/ Heating	(Deg. °F)	62~90 / 32~86
	(Deg. °C)	17~32 / 0~30

REFRIGERANT PIPING DATA

Design Pressure	(PSIG)	550/340
Refrigerant Type	-	R410A
Refrigerant Charge	(oz)	169.3152
Refrigerant Precharge	(ft)	25
	(m)	7.5

Additional Charge For Each ft	(oz/ft)	0.32
Additional Charge For Each m	(g/m)	30
Liquid Side/ Gas Side	(inch)	3/8"/7/8"
	(mm)	9.52/22

ACCESSORIES

Wired Controller

INDOOR UNIT DIMENSION

