



DUCTED SIDE DISCHARGE COOLING ONLY SYSTEM

INDOOR CASED COIL

OUTDOOR CONDENSER

MAC-24HWDN1-MN0

MOX430U-18CFN1-M

MAC-24HWDN1-MN0

MOD30-24CFN1-MW

MAC-36HWDN1-MN0

MOD30U-30CFN1-M

MAC-36HWDN1-MN0

MOD30U-36CFN1-M

MAC-60HWDN1-MN0

MOE30U-48CFN1-M-[X2]



Submittal Data

Submittal Data Model : **MAC-24HWDN1-MN0 / MOX430U-18CFN1-M**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:

INDOOR MODEL		MAC-24HWDN1-MN0	
OUTDOOR MODEL		MOX430U-18CFN1-M	
Power supply		V, Hz, Ph	208-230V / 1 / 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	18000(6000~6200)
	Input	W	1538(250~1900)
	Current	A	6.8(1~9)
	EER	Btu/hr/W	11.7
	SEER	Btu/hr/W	16.5
Cooling at 5 F (-15°C)	Rated capacity	Btu/hr	20000
Cooling at 109 F (43°C)	Rated capacity	Btu/hr	19600
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	15
MAX.FUSE(Outdoor)		A	20
Indoor unit	Dimension(W*D*H)	inch	17.52x20.98x17.99
	Packing (W*D*H)	inch	19.88x25.59x19.29
	Net/Gross weight	kg	19.4/23.6
	Net/Gross weight	lb	42.77/52.03
Outdoor air flow		m3/h	2175
Outdoor air flow		CFM	1279.41
Outdoor noise level		dB(A)	57
Outdoor unit	Dimension(W*D*H)	inch	35.04x13.46x26.50
	Packing (W*D*H)	inch	39.17x15.67x29.13
	Net/Gross weight	kg	38/42
	Net/Gross weight	lb	83.77/92.59



Refrigerant charge		kg	1.55
		oz	55
Additional charge per metre		g/m	65
Additional charge for each ft		oz/ft	0.69
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4
	Max. refrigerant pipe length	ft	164.04
	Max. difference in level	ft	82.02
Thermostat type			wire control
Room temperature	Indoor(cooling)	°C	16~32
	Outdoor(cooling)	°C	-15~50





Submittal Data

Submittal Data Model : **MAC-24HWDN1-MN0 / MOD30-24CFN1-MW**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:

INDOOR MODEL		MAC-24HWDN1-MN0	
OUTDOOR MODEL		MOD30-24CFN1-MW	
Power supply		V, Hz, Ph	208-230V / 1 / 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	24000(10000~29000)
	Input	W	2105(380~2800)
	Current	A	9.0(1.8~11.0)
	EER	Btu/hr/W	11.4
	SEER	Btu/hr/W	17
Cooling at 5 F (-15°C)	Rated capacity	Btu/hr	27000
Cooling at 109 F (43°C)	Rated capacity	Btu/hr	19600
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	20.0
MAX.FUSE(Outdoor)		A	30
Indoor unit	Dimension(W*D*H)	inch	17.52x20.98x17.99
	Packing (W*D*H)	inch	19.88x25.59x19.29
	Net/Gross weight	kg	19.4/23.6
	Net/Gross weight	lb	42.77/52.03
Outdoor air flow		m3/h	5100
Outdoor air flow		CFM	3000.00
Outdoor noise level		dB(A)	61.5
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89
	Packing (W*D*H)	inch	42.91x19.69x34.84
	Net/Gross weight	kg	52.8/57.7
	Net/Gross weight	lb	116.40/127.21



Refrigerant charge		kg	2.4
		oz	85
Additional charge per metre		g/m	65
Additional charge for each ft		oz/ft	0.69
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4
	Max. refrigerant pipe length	ft	164.04
	Max. difference in level	ft	82.02
Thermostat type			wire control
Room temperature	Indoor(cooling)	°C	16~32
	Outdoor(cooling)	°C	-15~50





Submittal Data

Submittal Data Model : **MAC-36HWDN1-MN0 / MOD30U-30CFN1-M**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:

INDOOR MODEL		MAC-36HWDN1-MN0	
OUTDOOR MODEL		MOD30U-30CFN1-M	
Power supply		V, Hz, Ph	208-230V / 1 / 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	30000(9600~38000)
	Input	W	2650(580~4245)
	Current	A	10(2.52~18.46)
	EER	Btu/hr/W	11.5
	SEER	Btu/hr/W	15.2
Cooling at 5 F (-15°C)	Rated capacity	Btu/hr	
Cooling at 109 F (43°C)	Rated capacity	Btu/hr	
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	25
MAX.FUSE(Outdoor)		A	30
Indoor unit	Dimension(W*D*H)	inch	20.98x20.98x23.98
	Packing (W*D*H)	inch	23.43x25.59x25.39
	Net/Gross weight	kg	30.2/35
	Net/Gross weight	lb	66.58/77.16
Outdoor air flow		m3/h	5100
Outdoor air flow		CFM	3000
Outdoor noise level		dB(A)	62.5
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89
	Packing (W*D*H)	inch	42.91x19.69x34.84
	Net/Gross weight	kg	66.5/71.6
	Net/Gross weight	lb	146.61/157.85



Refrigerant charge		kg	3.3
		oz	116.40
Additional charge per metre		g/m	65
Additional charge for each ft		oz/ft	0.69
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4
	Max. refrigerant pipe length	ft	164
	Max. difference in level	ft	98
Thermostat type			24V thermostat
Room temperature	Indoor(cooling)	°C	17 ~ 32
	Outdoor(cooling)	°C	-15 ~ 50





Submittal Data

Submittal Data Model : **MAC-36HWDN1-MN0 / MOD30U-36CFN1-M**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:

INDOOR MODEL		MAC-36HWDN1-MN0	
OUTDOOR MODEL		MOD30U-36CFN1-M	
Power supply		V, Hz, Ph	208-230V / 1 / 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	32600(9600~38000)
	Input	W	2963(580~4245)
	Current	A	12.88(2.52~18.46)
	EER	Btu/hr/W	11
	SEER	Btu/hr/W	15.3
Cooling at 5 F (-15°C)	Rated capacity	Btu/hr	32600
Cooling at 109 F (43°C)	Rated capacity	Btu/hr	32000
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	29
MAX.FUSE(Outdoor)		A	45
Indoor unit	Dimension(W*D*H)	inch	20.98x20.98x23.98
	Packing (W*D*H)	inch	23.43x25.59x25.39
	Net/Gross weight	kg	30.2/35
	Net/Gross weight	lb	66.58/77.16
Outdoor air flow		m3/h	3800
Outdoor air flow		CFM	2235.29
Outdoor noise level		dB(A)	62.5
Outdoor unit	Dimension(W*D*H)	inch	37.24x16.14x31.89
	Packing (W*D*H)	inch	42.91x19.69x34.84
	Net/Gross weight	kg	66.5/71.6
	Net/Gross weight	lb	146.61/157.85



Refrigerant charge		kg	3.3
		oz	116
Additional charge per metre		g/m	65
Additional charge for each ft		oz/ft	0.69
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4
	Max. refrigerant pipe length	ft	213.25
	Max. difference in level	ft	98.42
Thermostat type			wire control
Room temperature	Indoor(cooling)	°C	16~32
	Outdoor(cooling)	°C	-15~50





Submittal Data

Submittal Data Model : **MAC-60HWDN1-MN0 / MOE30U-48CFN1-M-[X2]**

Description:

Job Name:

Location:

Date:

Purchaser:

Engineer:

Submitted to:

For:

Review:

Approval:

INDOOR MODEL		MAC-60HWDN1-MN0	
OUTDOOR MODEL		MOE30U-48CFN1-M-[X2]	
Power supply		V, Hz, Ph	208-230V / 1 / 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	44000(13000~52000)
	Input	W	4000(540~5400)
	Current	A	22(2~22)
	EER	Btu/hr/W	11
	SEER	Btu/hr/W	15.9
Cooling at 5 F (-15°C)	Rated capacity	Btu/hr	44000
Cooling at 109 F (43°C)	Rated capacity	Btu/hr	36000
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	32
MAX.FUSE(Outdoor)		A	50
Indoor unit	Dimension(W*D*H)	inch	24.49x20.98x27.99
	Packing (W*D*H)	inch	27.17x25.59x29.33
	Net/Gross weight	kg	39.3/44.6
	Net/Gross weight	lb	86.64/98.33
Outdoor air flow		m3/h	7650
Outdoor air flow		CFM	4500.00
Outdoor noise level		dB(A)	65
Outdoor unit	Dimension(W*D*H)	inch	37.48x16.34x52.48
	Packing (W*D*H)	inch	43.11x19.49x58.27
	Net/Gross weight	kg	96.4/110.8
	Net/Gross weight	lb	212.52/244.27



Refrigerant charge		kg	4.45
		oz	157
Additional charge per metre		g/m	65
Additional charge for each ft		oz/ft	0.69
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 7/8
	Max. refrigerant pipe length	ft	213.25
	Max. difference in level	ft	98.42
Thermostat type			wire control
Room temperature	Indoor(cooling)	°C	17~32
	Outdoor(cooling)	°C	-15~50

