

Slim Line Ducted Fan Coil Without Plenum

INSTALLATION EASE

- 24 volt transformer and relay factory installed
- High and low voltage terminal strips
- Refrigerant expansion device factory installed

SERVICE

- Factory supplied washable aluminum mesh filter
- Controls conveniently mounted in exterior panel

COMFORT

- Three speed blower motors
- Low sound levels

QUALITY

- Designed in accordance with EIN standards
- High density closed cell foam insulation



Illustrations and photographs are only representative.
Some product models may vary.

ICP MODEL NUMBER	TONS	Nominal Cooling BTU/h	CFM RANGE	DIMENSIONS H x L x D (mm)	WEIGHT (kg)
FSHN2W1800A	1 1/2	18000	600	233 x 723 x 540	18
FSHN2W2400A	2	24000	800	233 x 888 x 540	20
FSHN2W3000A	2 1/2	30000	1000	233 x 1142 x 540	23
FSHN2W3600A	3	36000	1200	287 x 1142 x 555	25
FSHN2W4200A	3 1/2	42000	1400	337 x 1142 x 600	29
FSHN2W4800A	4	48000	1600	386 x 1142 x 632	38
FSHN2W6000A	5	60000	2000	386 x 1396 x 666	45

MODEL NOMENCLATURE FOR DUCTED INTERNATIONAL UNIVERSAL MOUNT DFS								
	F	S	H	N	18	00	A	1
Fan Coil								
Motor	S = Standard PSC E = BPM V = Variable							
Installation Type	H = Horizontal							
Plenum	N = Without P = With							
Refrigerant	2 = R22 4 = R410A							
Voltage	W = 220V-1-50/60							
Nominal Capacity	12 = 12000 BTUH 18 = 18000 BTUH 24 = 24000 BTUH 30 = 30000 BTUH 36 = 36000 BTUH 42 = 42000 BTUH 48 = 48000 BTUH 60 = 60000 BTUH							
Electrical Heat	00 = no heat							
Sales Code	A = Unpainted unit with fan relay B = Unit with painted cabinet and electronic control board							
Engineering revision								

ELECTRICAL DATA

FSHN2W**00A ** =		12	18	24	30	36	48	60
Nominal capacity	Btu/h	12000	18000	24000	30,000	36000	48000	56000
Nominal air flow rate	cfm	400	600	800	1000	1200	1600	2000
Voltage	220 - 1 - 50/60							
Face area	m2	0.111	0.144	0.1961	0.245	0.294	0.343	0.415
Number of rows	n	3	3	3	3	3	3	3
Coil size (in)	in	8 X 21.5	8 X 28	8 X 28	10 x 38	10 X 46	12 X 46	14 X 46
Pre-filter / Air filter	Type	NONE						

COIL DATA

Fin type	Type	Corrugated						
Fins per inch	n	12	13	13	13	12	13	13
Tube size	in	3/8						
Number of tubes	n	24	24	24	30	36	36	42

BLOWER

Type	Type	Centrifugal Double Inlet						
Diameter x Length	in	6 X 6	6 X 8	6 X 9	6.5 x 8.5	7 x 7	8 x 8	9 x 9
Number used	n	2	2	2	2	2	2	2
Motor	Type	Permanent split capacitor						
Drive	Type	Direct						

BLOWER DATA

No. of motors	n	1	1	1	1	1	1	1
Pipe connection	Type	Flare						
Liquid line size	in	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"

PIPING CONNECTIONS

Gas line size	in	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"
Drain connection size	in	1						
Expansion device type	Type	PISTON						
Expansion device size	in	0.040	0.050	0.056	0.059	0.069	0.080	0.090

UNIT DIMENSIONS

Height unit - "C"	mm	233	233	233	284	337	386	386
Length unit - "B"	mm	723	888	1142	1142	1142	1142	1396
Depth unit - "A"	mm	540	540	540	555	600	632	666

WEIGHT - APPROXIMATE

Net	kg	18	20	23	25	29	38	45
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SHIPPING INFORMATION

40' HC container load	n	640	520	420	320	266	216	150
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