



# SARMAAFARIN

AEROACOUSTIC



Certificate No.: 9190.C308  
FORM SSI - G.C (1400)

General Catalogue

# ROOM FAN COIL UNIT



**42GT**

**4-way Cassette type Fan Coil**

Air Delivery: 300 to 1200 cfm



## Features:

- Beautiful and decorative appearance
- Ultra - quiet operation
- A frame made of resistant materials in two sizes
- Having single phase motor with three standard installation
- Easy installation
- Body made of high quality galvanized sheet

Model 42GT	Air Flow		Total Cooling Capacity kW)		Total Heating Capacity (kW)		Water Flow Rate (Lit/s)		Weight		Dimensions (mm)		
	Cfm	I/s	2 Pipe	4 Pipe	2 Pipe	4 Pipe	2 Pipe	4 Pipe	lb	kg	L	W	H
<b>0300</b>	300	141.5	2.8	2.4	3.6	2.4	.11	.105	55.8	25.3	755*	631*	286*
<b>0400</b>	400	188.7	3.2	2.8	4.1	2.7	.127	.127	55.8	25.3	755*	631*	286*
<b>0500</b>	500	235.9	3.9	3.3	4.9	3.2	.155	.162	55.8	25.3	755*	631*	286*
<b>0600</b>	600	283.1	5	4.1	5.9	3.9	.2	.242	55.8	25.3	755*	631*	286*
<b>0800</b>	800	377.5	8.1	6.2	9.1	6	.355	.328	80	36.3	919*	892*	305*
<b>1000</b>	1000	471.9	9.4	7.1	10.4	6.7	.385	.385	80	36.3	919*	892*	305*
<b>1200</b>	1200	566.3	11	8.2	12	7.7	.46	.472	80	36.3	919*	892*	305*

\*Dimensions may be subject to change

# ROOM FAN COIL UNIT



**42NZ**

**Decorative Room Fan Coil-Exposed**

Air Delivery: 190 to 930 cfm



## Features:

- Multi position fan coil unit-floor, wall, under-ceiling or furred in application
- Aesthetic design combined with versatility
- Ultra- quiet operation
- Maximum height in horizontal position 220mm
- Centrifugal & tangential fan

Model 42NZ	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
16	190	90	4.9	1.1	0.07	38	17	830	220	657
25	270	131	7.4	1.6	0.1	42	19	1030	220	657
33	330	158	10.7	2.4	0.15	42	19	1030	220	657
43	480	227	13.8	3.0	0.19	48	22	1230	220	657
50	510	242	15.1	3.3	0.21	48	22	1230	220	657
60	720	339	20.0	4.4	0.28	77	35	1430	220	657
75	930	438	24.8	5.5	0.35	77	35	1430	220	657

## Note:

Capacity and water flow rate is based on standard conditions: 27°C db/19°C wb entering air temperature, 7/12 °C entering/leaving water temperature, high fan speed.

**42NF**

**Decorative Room Fan Coil-Concealed**

Air Delivery: 190 to 930 cfm



## Features:

- Multi position fan coil unit-floor, wall, under-ceiling or furred in application
- Aesthetic design combined with versatility
- Ultra- quiet operation
- Maximum height in horizontal position 220mm
- Centrifugal & tangential fan

Model 42NF	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
16	190	90	4.9	1.1	0.07	29	13	610	220	640
25	270	131	7.4	1.6	0.1	33	15	810	220	640
33	330	158	10.7	2.4	0.15	33	15	810	220	640
43	480	227	13.8	3.0	0.19	35	16	1010	220	640
50	510	242	15.1	3.3	0.21	35	16	1010	220	640
60	720	339	20.0	4.4	0.28	62	28	1210	220	640
75	930	438	24.8	5.5	0.35	62	28	1210	220	640

## Note:

Capacity and water flow rate is based on standard conditions: 27°C db/19°C wb entering air temperature, 7/12 °C entering/leaving water temperature, high fan speed.

**42AB**

**Room Fan Coil-Floor Mounted - Top Discharge - Exposed**

Air Delivery: 200 to 800 cfm



## Features:

- Automatic Air vent
- 3 row coil
- High efficiency heat transfer surface
- Cleanable filters
- Aluminum fan
- Quiet operation

Model 42AB	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
<b>020</b>	210	99	5	1	0.06	63.9	29	850	230	640
<b>030</b>	330	156	8.7	1.8	0.11	72.7	33	1030	230	640
<b>040</b>	430	203	12.2	2.4	0.15	84.8	38.5	1130	230	640
<b>060</b>	600	283	17	3.4	0.22	104.0	47.2	1360	230	640
<b>080</b>	800	338	22	4.4	0.28	120.0	54.5	1620	230	640

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, high fan speed.

# ROOM FAN COIL UNIT



**42AC**

**Room Fan Coil - Floor Mounted - Front Discharge - Exposed**

Air Delivery: 200 to 800 cfm



## Features:

- Automatic Air vent
- 3 row coil
- High efficiency heat transfer surface
- Cleanable filters
- Aluminum fan
- Quiet operation

Model 42AC	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
<b>020</b>	210	99	5	1	0.06	63.9	29	850	230	640
<b>030</b>	330	156	8.7	1.8	0.11	72.7	33	1030	230	640
<b>040</b>	430	203	12.2	2.4	0.15	84.8	38.5	1130	230	640
<b>060</b>	600	283	17	3.4	0.22	104.0	47.2	1360	230	640
<b>080</b>	800	338	22	4.4	0.28	120.0	54.5	1620	230	640

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, high fan speed.

# ROOM FAN COIL UNIT



**42HB**

**Room Fan Coil-Ceiling Mounted-Exposed**

Air Delivery: 200 to 800 cfm



## Features:

- Light weight and Compact
- 3 row coil
- High efficiency heat transfer surface
- Cleanable filters
- Centrifugal fan
- Horizontal Unit
- Quiet operation

Model 42HB	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
020	210	99	5	1	0.06	71	32	850	578	248
030	330	156	8.7	1.8	0.11	82	38	1030	578	248
040	430	203	12.2	2.4	0.15	96	44	1130	578	248
060	600	283	17	3.4	0.22	118	54	1360	578	248
080	800	338	22	4.4	0.28	137	62	1620	578	248

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, high fan speed.

**42HC**

**Room Fan Coil-Ceiling Mounted-Concealed(With Plenum)**

Air Delivery: 200 to 800 cfm



## Features:

- Furred-in ceiling fan coil unit with plenum
- 3 row coil
- High efficiency heat transfer surface
- Cleanable filters
- Centrifugal fan
- Horizontal unit
- Quiet operation

Model 42HC	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
<b>020</b>	210	99	5	1	0.06	32	15	675	512	267
<b>030</b>	330	156	8.7	1.8	0.11	38	17	823	512	267
<b>040</b>	430	203	12.2	2.4	0.15	44	20	928	512	267
<b>060</b>	600	283	17	3.4	0.22	53	24	1156	512	267
<b>080</b>	800	338	22	4.4	0.28	65	30	1410	512	267

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, high fan speed.

**42HA**

**Room Fan Coil - Ceiling Mounted - Concealed - Compact**

Air Delivery: 200 to 800 cfm



## Features:

- Furred-in ceiling fan coil unit with plenum
- 3 row coil
- High efficiency heat transfer surface
- Cleanable filters
- Centrifugal fan
- Horizontal unit
- Quiet operation

Model 42HA	Air Flow		Total Cooling Capacity	Water Flow Rate		Weight		Dimensions (mm)		
	cfm	l/s		gpm	l/s	lb	kg	L	W	H
<b>020</b>	210	99	5	1	0.06	44	20	619	548	235
<b>030</b>	330	156	8.7	1.8	0.11	53	24	797	548	235
<b>040</b>	430	203	12.2	2.4	0.15	61	28	898	548	235
<b>060</b>	600	283	17	3.4	0.22	68	31	1127	548	235
<b>080</b>	800	338	22	4.4	0.28	79	36	1381	548	235

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, high fan speed.

# DUCTED FAN COIL



**42DE**

Ducted Fan Coil-Exposed

Air Delivery: 800 to 2000 cfm



## Features:

- High quality reducing service and maintenance expenses
- Efficient operation
- Horizontal models
- Easy installation
- Casings and frames are included

Model 42DE	Air Flow		Total Cooling Capacity (kW)		Water Flow Rate (l/s)		Weight		Dimensions (mm)		
	cfm	l/s	4row	6row	4row	6row	lb	kg	L	W	H
08	800	377	6.6	9.3	0.28	0.40	155	70	915	813	458
10	1000	472	8.6	11.8	0.37	0.51	165	75	1016	813	458
12	1200	567	10.7	14.5	0.47	0.62	184	84	1143	813	458
14	1400	660	11.8	16.6	0.51	0.69	199	90	1270	813	458
16	1600	756	14.0	19.3	0.59	0.83	215	97	1397	813	458
18	1800	850	16.1	22.0	0.69	0.95	232	105	1524	813	458
20	2000	945	18.2	24.5	0.78	1.06	243	110	1626	813	458

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, nominal air flow.

**42DC**

**Ducted Fan Coil-Concealed**

Air Delivery: 800 to 2000 cfm



## Features:

- High quality which reduce service and maintenance expenses
- Efficient operation
- Horizontal models
- Easy installation
- Casings and frames are included

Model 42DC	Air Flow		Total Cooling Capacity (kW)		Water Flow Rate (l/s)		Weight		Dimensions (mm)		
	cfm	l/s	4row	6row	4row	6row	lb	kg	L	W	H
<b>08</b>	800	377	6.6	9.3	0.28	0.40	107	49	712	769	458
<b>10</b>	1000	472	8.6	11.8	0.37	0.51	150	68	813	769	458
<b>12</b>	1200	567	10.7	14.5	0.47	0.62	169	77	940	769	458
<b>14</b>	1400	660	11.8	16.6	0.51	0.69	174	79	1067	769	458
<b>16</b>	1600	756	14.0	19.3	0.59	0.83	178	80	1194	769	458
<b>18</b>	1800	850	16.1	22.0	0.69	0.95	195	89	1321	769	458
<b>20</b>	2000	945	18.2	24.5	0.78	1.06	220	100	1423	769	458

## Note:

Capacity and water flow rate is based on standard conditions: 80°F db/67°F wb entering air temperature, 45/55 °F entering/leaving water temperature, nominal air flow.