

CONCEALED DUCTED FN COIL UNIT (MEDIUM ESP)



SPECIFICATIONS

CABINET

Single Skin: Casing made of 1.2mm powder coated galvanized steel sheets, internally insulated with 15mm closed cell foam insulation.

Double Skin: Casing made of 1.0mm outer and 0.6mm inner powder coated galvanized steel sheets, with 15mm thick closed cell foam insulation.

Option 1: 25mm thick closed cell foam insulation (additional cost).

Option 2: For Hygienic unit, inner stainless steel sheet (additional cost).

Option 3: Return air spigot with bottom withdrawal air filter (additional cost).

FAN SECTION

Fan Motor: 3 speed fan motors with permanent split capacitor, thermal overload protection, and lifetime lubricated ball bearing.

Fan Blower: DIDW forward curved centrifugal fan blower made of galvanized steel directly driven by fan motors.

All fan blowers are statically and dynamically balanced.

COIL SECTION

Cooling coils made out of 10mm or 12mm OD copper tubes mechanically bonded into aluminum fins, with copper header; fin thickness 0.1mm, with fin spacing 2.0mm (12FPI). Cooling coils are ARI rated.

DRAIN PAN

Drain pan made of powder coated galvanized steel along with auxiliary drain pan extending under valve package, insulated with closed cell foam.

Option: Drain pan made of stainless steel (additional cost).

FILTER SECTION

12mm thick aluminum return air filter assembled in aluminum frames provided for easy withdrawal and replacement.

HEATER BATTERY

PTC Electrical Heater Battery is supplied with inbuilt thermal protection for heating application on special requirement (additional cost).

Unit Model		HCFC-02M1	HCFC-03M1	HCFC-04M1	HCFC-05M1	HCFC-06M1	HCFC-08M1	
Unit Performance								
Nom. Airflow Rate	High	(L/S)	95	148	196	243	319	375
	Medium	(L/S)	86	134	178	218	276	325
	Low	(L/S)	78	118	163	190	238	280
External Static Pressure ¹		(Pa)	Nominal 50 Pa (50 ~ 75 Pa)					
Noise Level ²	High	(dB(A))	<57	<59	<60	<63	<63	<62
	Medium	(dB(A))	<55	<57	<58	<61	<60	<58
	Low	(dB(A))	<53	<56	<55	<58	<56	<55
Physical Data								
Cooling Coil Size ³	Fin Height	(mm)	152	203	203	254	203	254
	Fin Length	(mm)	510	510	610	610	864	864
	Coil Style		3/8" OD Copper Tube + Hydrophilic Aluminum Fins 12 FPI					
	Max. Working Pre		20.0 Bar					
Power Supply			220-240V/1PH/50HZ					
Fan Motor	Motor Type		3-Speed Fan Motor					
	Output ²	(w)	40	40	60	80	100	120
	Qty		1	1	1	1	1	1
Fan Blower	Qty		1	1	1	1	2	2
	Size (Dia x L)	(mm)	180 x 200	180 x 200	180 x 200	180 x 200	180 x 200	180 x 200
	Fan Blower Type		Double Inlet Forward Curved Centrifugal Fan Blower					
Chilled Water Connection		(inch)	1/2" FPT - 3/4" MPT					
Drainage Connection		(inch)	3/4" MPT					
Standard Dimension - Single Skin Unit ⁴			590 x 820 x 315		590 x 920 x 315		590 x 1170 x 315	
Standard Dimension - Double Skin Unit ⁵		(mm)	600 x 880 x 365		600 x 980 x 365		600 x 1230 x 365	
Packing Dimension - Single Skin Unit ⁴			600 x 850 x 360		600 x 950 x 360		600 x 1200 x 360	
Packing Dimension - Double Skin Unit ⁵		(mm)	615 x 910 x 410		615 x 1010 x 410		600 x 1260 x 410	
Net Weight ⁶	4 Row Coil	(kg)	39.0	41.0	43.5	49.0	54.0	64.0
	5 Row Coil	(kg)	41.0	43.5	46.5	52.0	58.0	68.0
	6 Row Coil	(kg)	43.0	46.0	49.5	55.0	62.0	72.0

NOTES

- (1) External Static Pressure are measured based on Medium dirty polyester air filter.
- (2) Unit noise level and fan motor output are stated based on 4-row cooling coil, and can be different for units with other size cooling coils.
- (3) 1/2" OD copper tube cooling coils are available with all models.
- (4) Standard dimension and packing dimension for single skin unit based on 15mm thick closed cell foam insulation.
- (5) Standard dimension and packing dimension for double skin units based on 15mm thick closed cell foam insulation.
- (6) Please add 3kg onto net weights in calculating the shipping data.

Unit Model		HCFC-10M1	HCFC-12M1	HCFC-14M1	HCFC-18M1	HCFC-20M1	
Unit Performance							
Nom. Airflow Rate	High	(L/S)	510	604	732	880	983
	Medium	(L/S)	445	550	650	775	875
	Low	(L/S)	385	485	550	683	758
External Static Pressure ¹		(Pa)	Nominal 50 Pa (50 ~ 75 Pa)				
Noise Level ²	High	(dB(A))	<65	<64	<67	<68	<69
	Medium	(dB(A))	<63	<62	<64	<66	<66
	Low	(dB(A))	<62	<59	<62	<61	<62
Physical Data							
Cooling Coil Size ³	Fin Height	(mm)	305	305	356	356	381
	Fin Length	(mm)	914	1067	1067	1219	1219
	Coil Style		3/8" OD Copper Tube + Hydrophilic Aluminum Fins 12 FPI			1/2" OD Copper Tube + Hydrophilic Aluminum Fins 12 FPI	
	Max. Working Pre		20.0 Bar				
Power Supply			220-240V/1PH/50HZ				
Fan Motor	Motor Type		3-Speed Fan Motor				
	Output ²	(w)	150	150	200	350	450
	Qty		1	1	1	1	1
Fan Blower	Qty		1	2	2	2	2
	Size (Dia x L)	(mm)	200 x 190	200 x 190	200 x 190	200 x 190	200 x 190
	Fan Blower Type		Double Inlet Forward Curved Centrifugal Fan Blower				
Chilled Water Connection		(inch)	1/2" FPT - 3/4" MPT		3/4" FPT - 1" MPT		
Drainage Connection		(inch)	3/4" MPT				
Standard Dimension - Single Skin Unit ⁴			742 x 1220 x 410		742 x 1370 x 410		742 x 1523 x 475
Standard Dimension - Double Skin Unit ⁵		(mm)	742 x 1280 x 460		742 x 1430 x 460		742 x 1523 x 475
Packing Dimension - Single Skin Unit ⁴			755 x 1250 x 440		755 x 1400 x 440		755 x 1570 x 505
Packing Dimension - Double Skin Unit ⁵		(mm)	755 x 1310 x 505		755 x 1460 x 505		755 x 1550 x 520
Net Weight ⁶	4 Row Coil	(kg)	73.3	81.5	74.0	90.0	98.0
	5 Row Coil	(kg)	78.0	87.0	80.3	97.0	106.0
	6 Row Coil	(kg)	82.5	92.5	87.0	104.0	114.0

NOTES

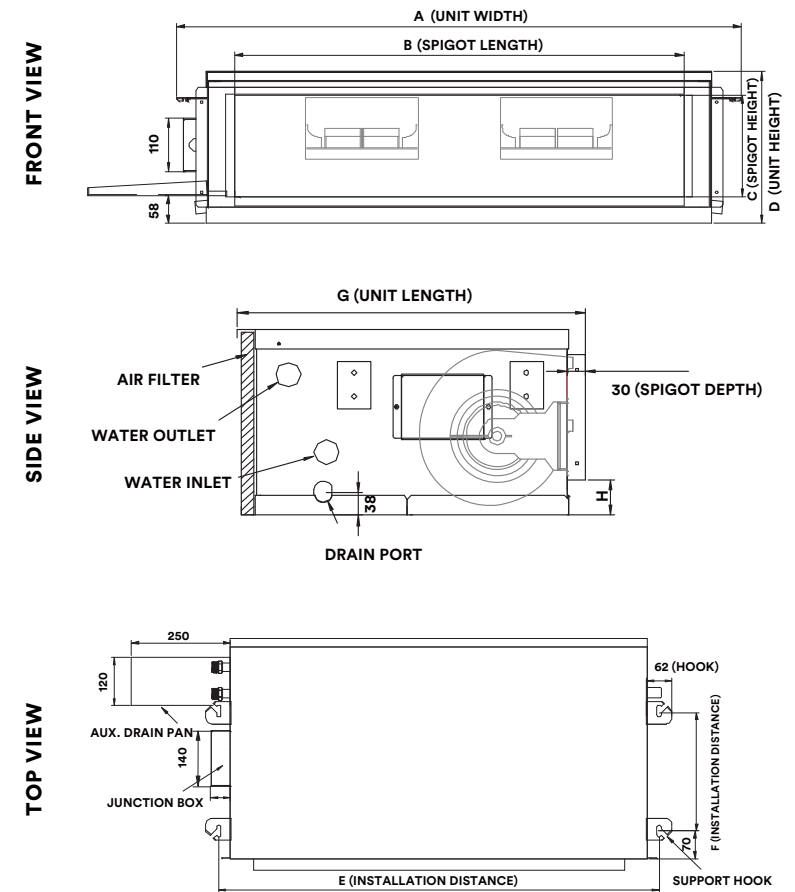
- (1) External Static Pressure are measured based on Medium dirty polyester air filter.
- (2) Unit noise level and fan motor output are stated based on 4-row cooling coil, and can be different for units with other size cooling coils.
- (3) 1/2" OD copper tube cooling coils are available with all models.
- (4) Standard dimension and packing dimension for single skin unit based on 15mm thick closed cell foam insulation.
- (5) Standard dimension and packing dimension for double skin units based on 15mm thick closed cell foam insulation.
- (6) Please add 3kg onto net weights in calculating the shipping data.

Unit Model		HCFC-24M1	HCFC-30M1	HCFC-36M1	HCFC-42M1	HCFC-48M1	HCFC-54M1	
Unit Performance								
Nom. Airflow Rate	High	(L/S)	1130	1415	1700	1967	2100	2360
	Medium		1020	1280	1530	1720	1930	2170
	Low		920	1145	1375	1580	1700	1950
External Static Pressure ¹		(Pa)	Nominal 50 Pa (50 ~ 75 Pa)					
Noise Level ²	High		<71	<74	<75	<78	<79	<81
	Medium	dB(A)	<68	<71	<72	<75	<75	<77
	Low		<65	<69	<69	<71	<72	<75
Physical Data								
Cooling Coil Size ³	Fin Height	(mm)	445	445	445	508	508	508
	Fin Length	(mm)	1219	1372	1524	1524	1652	1830
	Coil Style		1/2" OD Copper Tube + Hydrophilic Aluminum Fins 12 FPI					
	Max. Working Pre		20.0 Bar					
Power Supply			220-240V/1PH/50HZ					
Fan Motor	Motor Type		3-Speed Fan Motor					
	Output ²	(w)	275	320	550	550	750	750
	Qty		2	2	2	2	2	2
Fan Blower	Qty		2	2	2	2	2	2
	Size (Dia x L)	(mm)	225 x 300	250 x 340	250 x 340	315 x 325	315 x 325	315 x 406
	Fan Blower Type		Double Inlet Forward Curved Centrifugal Fan Blower					
Chilled Water Connection	(inch)	3/4" FPT - 1" MPT	1-1/4" MPT					
Drainage Connection	(inch)	3/4" MPT						
Standard Dimension - Single Skin Unit ⁴			825 x 1523	825 x 1695	895 x 1845	995 x 1845	995 x 1970	995 x 2150
Standard Dimension - Double Skin Unit ⁵			(mm) x 540	x 540	x 540	x 615	x 615	x 615
Packing Dimension - Single Skin Unit ⁴			840 x 1570	840 x 1745	910 x 1895	1010 x 1895	1040 x 2020	1040 x 2260
Packing Dimension - Double Skin Unit ⁵			(mm) x 570	x 570	x 570	x 645	x 645	x 645
Net Weight ⁶	4 Row Coil	(kg)	118.0	145.0	165.0	168.0	184.0	199.0
	5 Row Coil	(kg)	126.0	156.0	177.0	181.0	197.0	213.0
	6 Row Coil	(kg)	145.0	166.0	189.0	194.0	210.0	228.0

NOTES

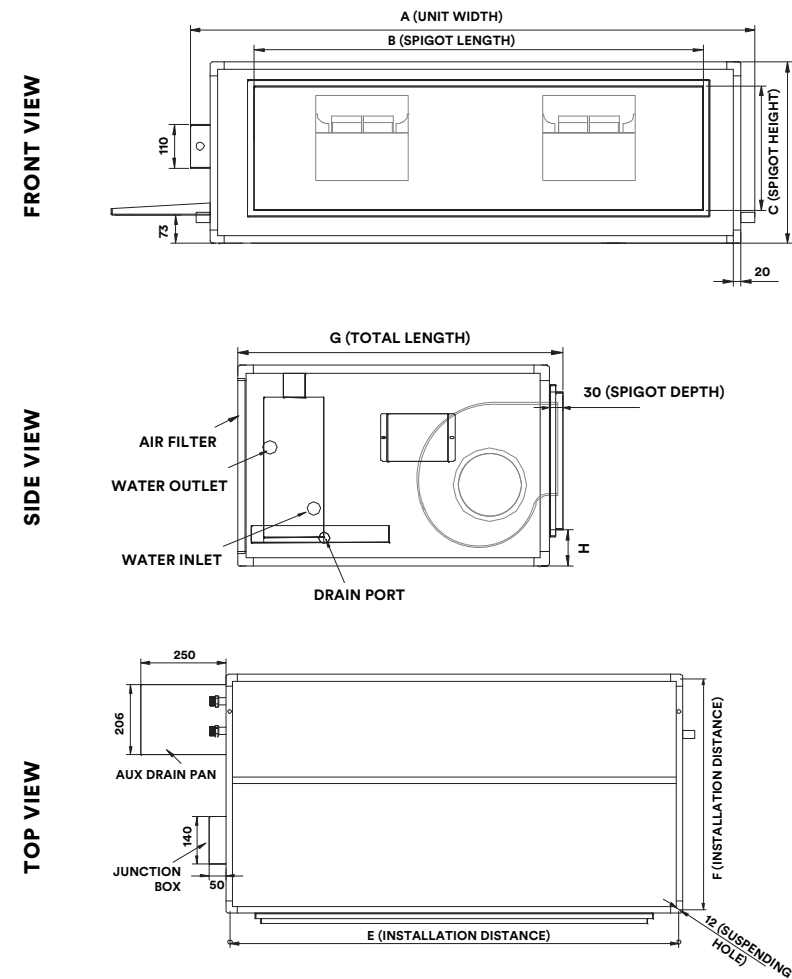
- (1) External Static Pressure are measured based on Medium dirty polyester air filter.
- (2) Unit noise level and fan motor output are stated based on 4-row cooling coil, and can be different for units with other size cooling coils.
- (3) 1/2" OD copper tube cooling coils are available with all models.
- (4) Standard dimension and packing dimension for single skin unit based on 15mm thick closed cell foam insulation.
- (5) Standard dimension and packing dimension for double skin units based on 15mm thick closed cell foam insulation.
- (6) Please add 3kg onto net weights in calculating the shipping data.

Single Skin Unit

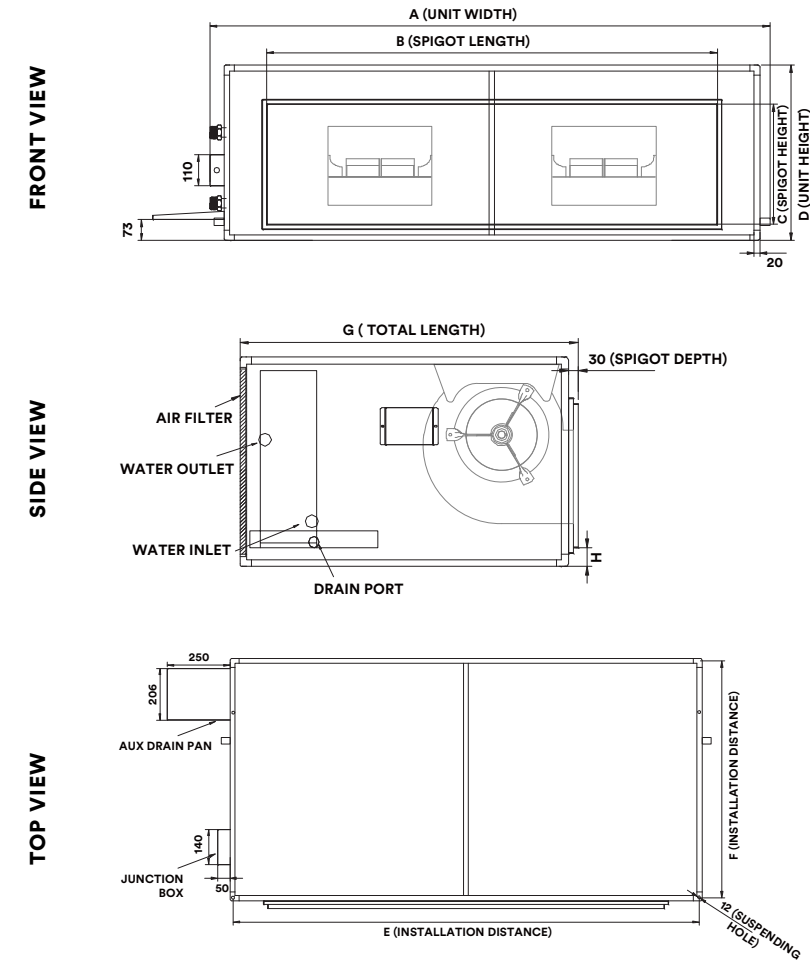


UNIT MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HCFC-02M1S	820	581	212	315	757	300	590	52
HCFC-03M1S	820	581	212	315	757	300	590	52
HCFC-04M1S	820	681	212	315	857	300	590	41
HCFC-05M1S	820	681	212	315	857	300	590	41
HCFC-06M1S	1170	931	211	315	1107	300	590	41
HCFC-08M1S	1170	931	211	315	1107	300	590	41
HCFC-10M1S	1220	653	291	410	1154	474	742	72
HCFC-12M1S	1370	1007	291	410	1334	474	742	52
HCFC-14M1S	1370	1007	291	410	1334	474	742	52
HCFC-18M1S	1523	1207	291	475	1459	474	742	128
HCFC-20M1S	1523	1207	291	475	1459	474	742	128

Double Skin Unit



Single and Double Skin Unit



CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

UNIT MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HCFC-02M1DA	880	569	212	365	774	550	600	89
HCFC-03M1DA	880	569	212	365	774	550	600	89
HCFC-04M1DA	980	569	212	365	874	550	600	89
HCFC-05M1DA	980	569	212	365	874	550	600	89
HCFC-06M1DA	1230	935	212	365	1124	550	600	94
HCFC-08M1DA	1230	935	212	365	1124	550	600	94
HCFC-10M1DA	1280	736	311	460	1174	692	742	85
HCFC-12M1DA	1430	1135	311	460	1324	692	742	85
HCFC-14M1DA	1430	1135	311	460	1324	692	742	85
HCFC-18M1DA	1523	1135	311	475	1417	692	742	100
HCFC-20M1DA	1523	1135	311	475	1417	692	742	100

CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

UNIT MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
HCFC-24M1DA	1523	1135	311	540	1417	775	825	67
HCFC-30M1DA	1695	1301	367	540	1583	775	825	57
HCFC-36M1DA	1845	1301	367	540	1733	845	895	57
HCFC-42M1DA	1845	1301	367	615	1733	945	995	19
HCFC-48M1DA	1970	1578	421	615	1860	945	995	56
HCFC-054M1DA	2150	1578	421	615	2038	945	995	65

CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

Unit Model	Rows of Coil	Fan Speed	Air on DBT/WBT 23°C/16°C				Air on DBT/WBT 24°C/18°C			
			Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C		Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C	
			T.C.	S.C.	T.C.	S.C.	T.C.	S.C.	T.C.	S.C.
			(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)
HCFC-02M1	4	High	1.5	1.3	1.4	1.2	2.0	1.3	1.5	1.1
		Medium	1.4	1.2	1.3	1.1	1.9	1.2	1.4	1.0
		Low	1.3	1.1	1.2	1.0	1.7	1.1	1.3	1.0
	5	High	1.7	1.4	1.6	1.3	2.2	1.4	1.6	1.2
		Medium	1.5	1.3	1.5	1.2	2.0	1.3	1.5	1.1
		Low	1.4	1.2	1.4	1.2	1.9	1.2	1.4	1.0
	6	High	2.0	1.5	1.6	1.4	2.6	1.6	2.1	1.4
		Medium	1.8	1.4	1.5	1.3	2.4	1.5	1.9	1.3
		Low	1.7	1.3	1.4	1.2	2.2	1.4	1.8	1.2
HCFC-03M1	4	High	2.4	2.0	1.9	1.8	3.1	2.0	2.4	1.8
		Medium	2.2	1.8	1.8	1.6	2.9	1.9	2.3	1.6
		Low	2.0	1.7	1.6	1.5	2.7	1.7	2.1	1.5
	5	High	2.8	2.2	2.2	2.0	3.2	2.1	2.9	2.0
		Medium	2.6	2.0	2.1	1.8	3.0	2.0	2.7	1.8
		Low	2.3	1.8	1.9	1.7	2.7	1.8	2.5	1.7
	6	High	2.9	2.3	2.5	2.1	3.8	2.4	3.2	2.2
		Medium	2.7	2.1	2.4	2.0	3.5	2.2	3.0	2.0
		Low	2.5	1.9	2.1	1.8	3.2	2.0	2.8	1.8
HCFC-04M1	4	High	2.7	2.4	2.5	2.3	3.6	2.5	3.2	2.3
		Medium	2.6	2.3	2.4	2.2	3.4	2.3	3.0	2.2
		Low	2.4	2.1	2.2	2.0	3.2	2.2	2.8	2.0
	5	High	3.3	2.7	3.0	2.6	4.2	2.8	3.8	2.6
		Medium	3.0	2.5	2.8	2.4	4.0	2.6	3.5	2.4
		Low	2.9	2.4	2.6	2.2	3.7	2.5	3.3	2.2
	6	High	3.8	3.0	3.3	2.8	4.8	3.1	4.0	2.8
		Medium	3.6	2.8	3.1	2.6	4.5	2.9	3.7	2.6
		Low	3.3	2.6	2.9	2.4	4.2	2.7	3.5	2.4
HCFC-05M1	4	High	3.6	3.1	2.8	2.8	4.7	3.2	3.5	2.7
		Medium	3.3	2.8	2.6	2.5	4.3	2.9	3.3	2.5
		Low	3.0	2.6	2.4	2.3	4.0	2.6	3.0	2.3
	5	High	4.0	3.4	3.2	3.0	5.2	3.5	4.0	3.0
		Medium	3.8	3.1	3.0	2.8	4.9	3.2	3.7	2.8
		Low	3.4	2.8	2.7	2.5	4.5	2.9	3.4	2.5
	6	High	4.6	3.7	4.0	3.4	5.9	3.8	5.2	3.5
		Medium	4.2	3.4	3.7	3.2	5.5	3.5	4.8	3.2
		Low	3.8	3.0	3.4	2.8	5.0	3.2	4.4	2.9

CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

Unit Model	Rows of Coil	Fan Speed	Air on DBT/WBT 23°C/16°C				Air on DBT/WBT 24°C/18°C			
			Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C		Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C	
			T.C.	S.C.	T.C.	S.C.	T.C.	S.C.	T.C.	S.C.
			(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)
HCFC-06M1	4	High	4.6	3.9	3.6	3.5	5.9	4.0	4.5	3.4
		Medium	4.1	3.5	3.3	3.2	5.4	3.6	4.1	3.1
		Low	3.8	3.2	3.0	2.8	4.9	3.3	3.8	2.8
	5	High	5.4	4.4	4.3	4.0	6.7	4.5	5.5	4.0
		Medium	4.9	4.0	3.9	3.6	6.1	4.0	5.0	3.6
		Low	4.4	3.5	3.5	3.2	5.5	3.6	4.5	3.2
	6	High	5.7	4.7	4.9	4.3	7.4	4.8	6.3	4.4
		Medium	5.1	4.1	4.5	3.9	6.7	4.3	5.7	3.9
		Low	4.6	3.7	4.0	3.4	6.0	3.9	5.2	3.5
HCFC-08M1	4	High	5.5	4.7	4.6	4.3	7.1	4.8	5.7	4.3
		Medium	5.0	4.2	4.2	3.9	6.5	4.4	5.3	3.8
		Low	4.5	3.8	3.8	3.5	5.9	3.9	4.8	3.5
	5	High	6.4	5.3	5.2	4.8	8.4	5.5	6.6	4.7
		Medium	5.8	4.7	4.7	4.2	7.6	4.9	6.0	4.3
		Low	5.3	4.2	4.3	3.8	6.8	4.4	5.4	3.8
	6	High	7.2	5.7	5.9	5.2	9.1	5.9	7.5	5.2
		Medium	6.5	5.1	5.3	4.6	8.3	5.3	6.9	4.7
		Low	5.8	4.5	4.8	4.1	7.4	4.7	6.2	4.2
HCFC-10M1	4	High	7.3	6.3	5.8	5.7	9.5	6.4	7.3	5.5
		Medium	6.7	5.7	5.3	5.1	8.7	5.9	6.7	5.1
		Low	6.1	5.1	4.9	4.6	8.0	5.3	6.1	4.5
	5	High	8.6	7.1	7.0	6.4	10.9	7.2	8.8	6.4
		Medium	7.9	6.4	6.4	5.8	10.0	6.5	8.1	5.8
		Low	7.1	5.7	5.8	5.1	9.1	5.9	7.4	5.2
	6	High	9.2	7.5	7.9	7.0	11.8	7.7	10.1	7.0
		Medium	8.3	6.7	7.2	6.2	10.8	7.0	9.3	6.3
		Low	7.5	6.0	6.5	5.5	10.6	10.3	8.4	5.7
HCFC-12M1	4	High	8.9	7.5	7.1	6.8	10.9	7.5	8.9	6.7
		Medium	8.3	7.0	6.7	6.3	10.3	7.0	8.4	6.3
		Low	7.7	6.4	6.2	5.8	9.5	6.4	7.8	5.7
	5	High	10.2	8.4	8.5	7.6	12.7	8.4	10.7	7.6
		Medium	9.6	7.8	7.9	7.1	11.9	7.9	10.1	7.1
		Low	8.8	7.1	7.3	6.4	10.9	7.2	9.3	6.5
	6	High	11.1	9.0	9.6	8.3	14.3	9.3	12.2	8.4
		Medium	10.3	8.1	9.0	7.7	13.4	8.6	11.5	7.8
		Low	9.5	7.5	8.2	7.0	12.3	7.8	10.6	7.1

CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

Unit Model	Rows of Coil	Fan Speed	Air on DBT/WBT 23°C/16°C				Air on DBT/WBT 24°C/18°C			
			Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C		Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C	
			T.C.	S.C.	T.C.	S.C.	T.C.	S.C.	T.C.	S.C.
			(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)
HCFC-14M1	4	High	10.6	9.0	8.5	8.1	13.1	9.0	10.6	8.0
		Medium	9.8	8.3	7.9	7.5	12.2	8.3	9.9	7.4
		Low	8.8	7.3	7.1	6.6	11.0	7.4	8.9	6.5
	5	High	12.2	10.1	10.1	9.2	15.0	10.1	12.8	9.2
		Medium	11.3	9.2	9.4	8.4	13.9	9.2	11.9	8.4
		Low	10.1	8.1	8.3	7.4	12.4	8.1	10.7	7.4
	6	High	13.3	10.8	11.5	10.0	16.4	10.8	14.6	10.1
		Medium	12.3	9.8	10.6	9.1	15.1	9.9	13.5	9.2
		Low	10.9	8.6	9.4	7.9	13.5	8.7	12.1	8.1
HCFC-18M1	4	High	12.2	10.6	10.2	9.8	15.8	10.8	12.9	9.6
		Medium	11.3	9.7	9.5	8.9	14.7	9.9	11.9	8.8
		Low	10.4	8.8	8.8	8.1	13.6	9.1	11.0	8.0
	5	High	14.0	11.8	12.2	11.0	18.1	12.1	15.4	11.0
		Medium	12.9	10.7	11.2	10.0	16.7	11.0	14.3	10.0
		Low	11.8	9.7	10.3	9.1	15.4	10.1	13.2	9.1
	6	High	15.3	12.6	13.9	12.0	19.8	13.0	16.6	11.7
		Medium	14.0	11.4	12.7	10.9	18.2	11.9	15.3	10.6
		Low	12.8	10.3	11.6	9.8	16.7	10.8	14.1	9.7
HCFC-20M1	4	High	14.6	12.8	11.2	11.0	18.5	12.9	14.3	11.2
		Medium	13.5	11.7	10.9	10.6	17.2	11.8	13.4	10.3
		Low	12.3	10.5	9.9	9.4	15.8	10.7	12.2	9.2
	5	High	17.0	14.2	13.9	12.9	19.7	13.7	17.3	12.7
		Medium	15.8	13.0	12.8	11.7	18.4	12.5	16.0	11.6
		Low	14.2	11.5	11.6	10.4	16.7	11.2	14.6	10.4
	6	High	18.0	14.8	15.8	13.9	23.0	15.2	19.8	13.8
		Medium	16.5	13.5	14.5	12.6	21.2	13.9	18.3	12.7
		Low	14.9	12.0	13.1	11.2	19.1	12.4	16.6	11.3
HCFC-24M1	4	High	16.9	14.8	12.9	12.7	21.4	14.9	16.6	13.0
		Medium	15.8	13.6	12.7	12.3	20.0	13.8	15.6	12.0
		Low	14.7	12.6	11.8	11.4	18.9	12.8	14.6	11.1
	5	High	19.7	16.4	16.1	14.9	24.6	16.5	20.0	14.6
		Medium	18.4	15.1	15.0	13.7	23.0	15.3	18.7	13.5
		Low	17.1	13.9	13.9	12.5	21.5	14.1	17.5	12.5
	6	High	21.6	17.5	18.2	16.0	26.7	17.6	22.9	16.0
		Medium	20.1	16.1	16.9	14.7	24.9	16.3	21.4	14.8
		Low	18.6	14.7	15.7	13.5	23.2	15.0	19.9	13.6

Unit Model	Rows of Coil	Fan Speed	Air on DBT/WBT 23°C/16°C				Air on DBT/WBT 24°C/18°C			
			Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C		Standard Application EWT/LWT 5.5°C/11.5°C		High Delta T Application EWT/LWT 5.5°C/14.5°C	
			T.C.	S.C.	T.C.	S.C.	T.C.	S.C.	T.C.	S.C.
			(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)
HCFC-30M1	4	High	20.7	18.2	16.7	16.5	25.0	17.8	20.4	16.0
		Medium	19.4	16.8	15.7	15.3	23.5	16.5	19.4	14.9
		Low	18.1	15.5	14.6	14.0	22.0	15.3	18.0	13.7
	5	High	22.5	19.5	19.9	18.4	28.5	19.6	24.6	18.1
		Medium	21.0	18.0	18.6	17.0	26.8	18.3	23.1	16.8
		Low	19.5	16.5	17.2	15.5	25.0	16.8	21.5	15.4
	6	High	25.9	21.3	22.5	19.8	31.0	20.9	26.2	19.0
		Medium	24.0	19.6	21.0	18.3	29.1	19.4	24.6	17.6
		Low	22.2	17.9	19.4	16.6	26.9	17.8	22.9	16.1
HCFC-36M1	4	High	23.5	21.2	19.9	19.7	29.6	21.1	24.4	19.0
		Medium	22.1	19.6	18.7	18.2	27.9	19.6	22.9	17.6
		Low	20.5	18.0	17.4	16.7	26.2	18.2	21.5	16.3
	5	High	26.9	23.3	23.7	22.0	33.9	23.4	28.5	21.2
		Medium	25.0	21.4	22.1	20.2	31.8	21.7	26.7	19.6
		Low	23.3	19.7	20.5	18.5	29.7	20.0	25.0	18.1
	6	High	29.2	24.7	25.2	23.0	37.0	25.0	31.4	22.7
		Medium	27.2	22.7	23.5	21.0	34.5	23.1	29.3	20.9
		Low	25.2	20.8	21.8	19.3	32.2	21.3	27.4	19.3
HCFC-42M1	4	High	27.3	24.5	23.0	22.7	30.7	23.0	28.1	21.9
		Medium	25.1	22.1	21.1	20.5	28.4	20.9	26.0	19.9
		Low	23.7	20.7	20.0	19.2	27.1	19.6	24.7	18.7
	5	High	30.8	26.8	27.3	25.3	38.8	26.9	32.2	24.2
		Medium	28.1	24.1	25.0	22.8	35.8	24.4	29.7	21.9
		Low	26.6	22.5	23.5	21.2	33.9	22.9	28.1	20.5
	6	High	33.6	28.5	28.8	26.4	42.6	28.9	35.8	26.1
		Medium	30.7	25.6	26.3	23.7	39.0	26.0	32.8	23.5
		Low	28.9	23.8	24.8	22.1	36.9	24.4	31.0	22.0

CONCEALED DUCTED FAN COIL UNIT (MEDIUM ESP)

Unit Model	Rows of Coil	Fan Speed	Air on DBT/WBT 23°C/16°C				Air on DBT/WBT 24°C/18°C			
			Standard Appli- cation EWT/LWT 5.5°C/11.5°C		High Delta T Appli- cation EWT/LWT 5.5°C/14.5°C		Standard Appli- cation EWT/LWT 5.5°C/11.5°C		High Delta T Appli- cation EWT/LWT 5.5°C/14.5°C	
			T.C.	S.C.	T.C.	S.C.	T.C.	S.C.	T.C.	S.C.
			(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)	(kw)
	4	High	29.7	26.4	25.1	24.5	33.7	24.9	30.7	23.7
		Medium	28.2	24.8	23.8	23.0	32.1	23.5	29.2	22.3
		Low	25.9	22.5	21.9	20.8	29.7	21.4	27.1	20.9
HCFC-48M1	5	High	33.5	28.9	29.7	27.3	42.3	29.1	35.2	26.2
		Medium	31.6	27.0	28.1	25.5	40.2	27.4	33.4	24.6
		Low	29.1	24.4	25.7	23.0	37.1	24.9	30.9	22.4
	6	High	36.6	30.7	31.4	28.5	46.4	31.2	39.1	28.2
		Medium	34.5	28.7	29.7	26.6	43.9	29.2	37.0	26.4
		Low	31.6	25.9	27.2	24.0	40.4	26.6	34.1	33.9
	4	High	30.9	28.6	28.6	27.7	38.7	28.3	33.4	26.2
		Medium	29.3	26.9	27.1	26.0	36.9	26.7	31.7	24.6
		Low	27.4	24.8	25.3	23.9	34.6	24.7	29.8	22.8
HCFC-54M1	5	High	38.1	32.6	32.6	30.3	44.2	31.3	40.1	29.7
		Medium	35.9	30.5	30.8	28.4	41.9	29.4	38.1	27.9
		Low	33.5	28.1	28.6	26.0	39.2	27.1	35.7	25.7
	6	High	41.7	34.7	35.8	32.3	48.8	33.7	44.6	31.9
		Medium	39.3	32.5	33.8	30.1	46.2	31.6	42.2	29.9
		Low	36.4	29.7	31.4	27.6	43.2	29.1	39.4	27.6

