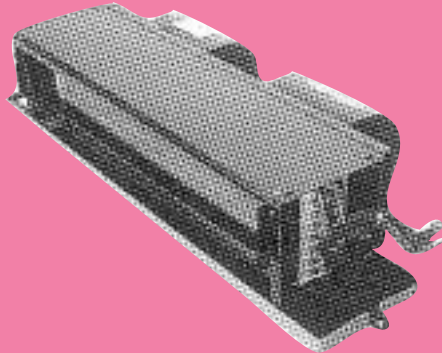


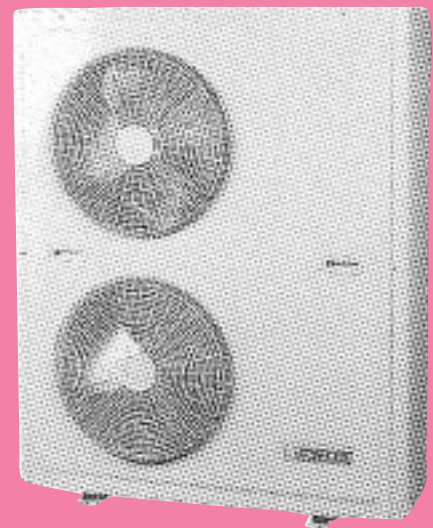
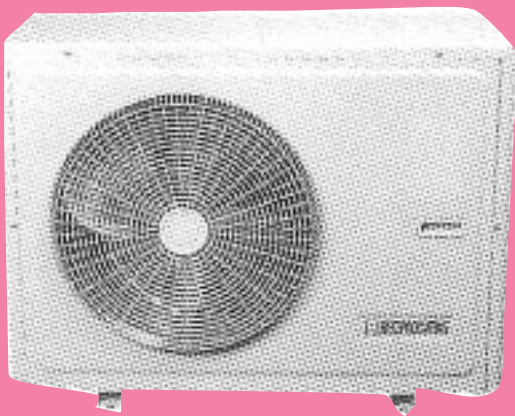
DUCTED SPLIT AIR CONDITIONERS



AIR HANDLING UNIT



FAN COIL UNIT



CONDENSING UNIT

FAN COIL UNIT

CABINET: Model SPD design for horizontal concealed ceiling. Also available as option with plenum and aluminium filter.

COILS: Standard 3 row cooling coils insuring high dehumidification

MOTORS: Motor is fitted with life-lubricated bearing and TAP winding giving 3 speeds. It is a permanent split capacitor type.

BLOWERS: Centrifugal blower direct driven double inlet statically and dynamically balanced with the motor.

DRAIN PAN: Galvanized and double insulated inner and outer.

AIR HANDING UNIT

CABINET: Powder coat painted. Only 18" high, ideally suited for concealed ceiling.

MOTOR: Inherently protected direct driven motors are mounted inside of the insulated cabinet to reduce motor noise.

EXPANSION DEVICE: Flow control single circuit upto 5 ton and dual circuit for 7½ ton and 10 ton.

EVAPORATOR COIL: Coils are constructed with copper tubes and aluminum fins mechanically bonded to the tubes for maximum heat transfer.

FILTERS: One inch aluminium permanent washable filters are standard.

CONDENSING UNIT

CABINET : Cabinet is constructed from powder painted galvanized steel.

COMPRESSOR: Hermetically sealed with internal high temperature motor overload protection. It is internally spring mounted and externally mounted on rubber grommet to reduce vibration and noise.

CONDENSER COIL: Copper tube and plate aluminium fins are used on all models.

SHUT OFF VALVE: Liquid and suction service valves are standard on all models.

Section 3

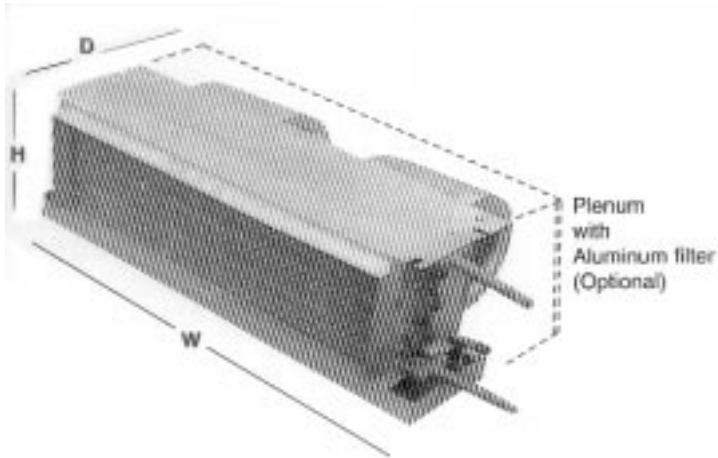
FAN COIL & AIR HANDLING UNIT		MODEL	SPD18C			SPD24C			SPD30C			SPD36C			SPA36C			SPA48C			SPA60C			SPA60C			SPA90C			SPA120C			
AIR VOL.		CFM	600			800			1000			1200			1200			1600			2000			2000			3000			4000			
ENT AIR TEMP. IN °F		DB	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	75	80	85	
		WB	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	62	67	72	
COOLING CAPACITY	95 AMB	TMBH	16.1	18.2	19.7	22.4	24.2	26.7	26.4	29.1	32.1	33.2	36.1	39.4	33.2	36.1	39.4	42.0	46.0	50.0	47.6	51.8	55.2	56.8	61.5	64.9	84.0	92.0	100	95.2	103.6	110.4	
		SMBH	12.6	13.7	14.4	17.5	18.4	19.7	21.5	22.4	23.1	28.4	30.3	31.6	28.4	30.3	31.6	32.5	36.0	37.5	37.2	40.1	41.0	47.1	50.2	51.4	60.2	70.4	71.2	74.4	80.2	82.0	
	115 AMB	TMBH	13.8	15.8	17.1	18.1	19.8	21.7	23.6	25.8	27.9	28.4	31.7	33.8	28.4	31.7	33.8	37.3	41.2	42.8	41.0	45.2	47.1	49.2	54.3	56.2	75.3	80.4	83.2	82.0	90.4	94.2	
		SMBH	11.7	12.3	12.9	14.8	15.8	16.7	18.8	20.1	21.2	24.9	24.2	27.9	24.9	27.2	27.9	29.6	31.8	33.6	33.3	35.6	38.3	39.9	43.2	45.1	58.4	63.0	66.2	66.6	71.2	76.6	
DX COIL DATA		AREA IN SQ. FT.	1.7			2.44			3.2			3.2			3.28			3.28			3.28			3.28			5.55			6.40			
		NO. OF ROWS	3			3			3			3			3			4			4			4			4			4			
		FINS PER INCH	12			12			12			12			13			13			13			13			13			13			
BLOWER DATA	FAN	NOS.	2			2			4			4			1			1			1			1			2			2			
		SIZE	6"X9"			6"X9"			6"X9"			6"X9"			10"X10"			11"X11"			11"X11"			11"X11"			11"X11"			11"X11"			
	MOTOR	NOS.	1			1			2			2			1			1			1			1			2			2			
		HP	1/15			1/10			1/15			1/15			1/3			1/2			3/4			3/4			3/4			3/4			
CONNECTION SIZE		SUCTION	5/8"			5/8"			3/4"			3/4"			5/8"			3/4"			3/4"			3/4"			1 1/8"			1 1/8"			
		LIQUID	3/8"			3/8"			3/8"			3/8"			3/8"			3/8"			1/2"			1/2"			1/2"			5/8"			5/8"
DIMENSION (IN INCHES)		HEIGHT	9 1/4			9 1/4			9 1/4			9 1/4			18			18			18			18			18			18			
		DEPTH	16 1/2			16 1/2			16 1/2			16 1/2			25 1/2			25 1/2			25 1/2			25 1/2			25 1/2			25 1/2			
		WIDTH	36			49 1/2			63			63			35 1/2			35 1/2			35 1/2			35 1/2			59			66			
WEIGHT (KG.)			35			46			46			56			57			57			58			58			90			95			
CONDENSING UNIT		MODEL	SPC 18C			SPC24C			SPC30C			SPC36C			SPC36C			SPC48C			SPC60C			SPC72C			2XSPC48C			2XSPC60C			
COMPRESSOR		RLA	8.5			10.3			13.6			16.6			16.6			6.6			8.8			8.9			2X6.6			2X8.8			
		LRA	47			60			72			82			82			45			62			67			2X45			2X62			
CONNECTION SIZE		SUCTION	5/8			5/8			5/8			3/4			3/4			3/4			3/4			3/4			2/3X4			2X3/4			
		LIQUID	3/8			3/8			3/8			3/8			3/8			3/8			1/2			1/2			2X1/2			2X1/2			
DIMENSION (IN INCHES)		HEIGHT	24			24			29 1/2			29 1/2			29 1/2			29 1/2			29 1/2			50			29 1/2			29 1/2			
		DEPTH	12 7/8			12 7/8			16 1/2			16 1/2			16 1/2			16 1/2			16 1/4			16 1/4			16 1/2			16 1/2			
		WIDTH	33 1/2			33 1/2			39 1/2			39 1/2			39 1/2			39 1/2			39 1/2			39 1/2			39 1/2			40 1/2			
WEIGHT (KG.)			56			58			80			82			82			135			142			156			2X135			2X142			

Fan performance - CFM

MODEL	MOTOR SPEED	EXTERNAL STATIC PRESSURE (IN WG)					
		0	0.1	0.2	0.3	0.4	0.5
SPD 18C	HIGH	600	540	370	-	-	-
	MEDIUM	560	500	350	-	-	-
	LOW	500	460	320	-	-	-
SPD 24	HIGH	800	720	440	-	-	-
	MEDIUM	720	660	410	-	-	-
	LOW	680	610	390	-	-	-
SPD 30	HIGH	1040	880	680	-	-	-
	MEDIUM	960	810	640	-	-	-
	LOW	860	780	610	-	-	-
SPD 36	HIGH	1240	1040	900	-	-	-
	MEDIUM	1120	960	840	-	-	-
	LOW	1040	880	760	-	-	-
SPA 36	HIGH	1380	1330	1250	1200	1130	1050
	MEDIUM	1230	1180	1110	1070	1000	940
	LOW	1075	1030	970	935	880	820
SPA 48	HIGH	1950	1880	1760	1650	1590	1490
	MEDIUM	1730	1670	1570	1470	1410	1330
	LOW	1520	1460	1370	1290	1230	1170
SPA 60	HIGH	2310	2010	1750	1660	1590	1500
	MEDIUM	2050	1780	1550	1480	1410	1330
	LOW	1790	1560	1360	1290	1230	1170
SPA 90	HIGH	3360	3210	2920	2790	2670	2480
	MEDIUM	2990	2860	2600	2480	2370	2200
	LOW	2610	2500	2280	2175	2070	1930
SPA 120	HIGH	4020	3650	3490	3330	3100	2830
	MEDIUM	3570	3250	3100	2970	2750	2520
	LOW	3130	2840	2720	2590	2410	2200

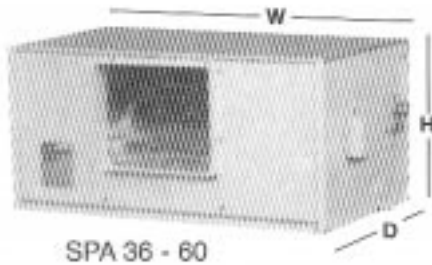
Note: All SPD, SPA & SPC are single phase 208 / 220V / 50 Hz Except SPC 48, 60 & 72 are 3 phase / 380 / 440V / 50 Hz Contact factory for other electrical supplies.

DIMENSION



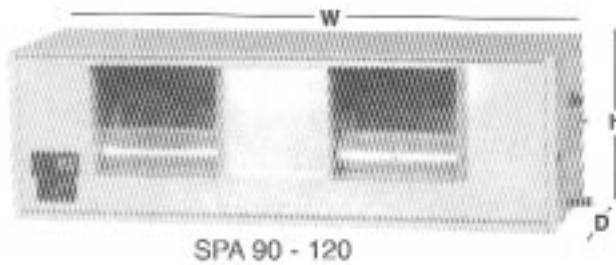
FAN COIL UNIT

MODEL SPD	WIDTH	HEIGHT	DEPTH
18	36	9 ¹ / ₄	16 ¹ / ₂
24	49 ¹ / ₂	9 ¹ / ₄	16 ¹ / ₂
30	63	9 ¹ / ₄	16 ¹ / ₂
36	63	9 ¹ / ₄	16 ¹ / ₂

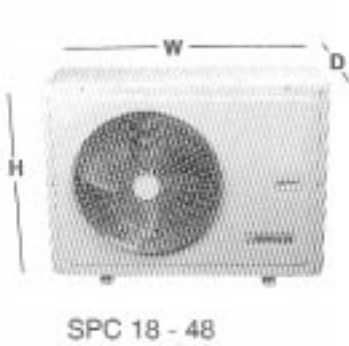


AIR HANDLING UNIT

MODEL SPA	WIDTH	HEIGHT	DEPTH
36	35 ¹ / ₂	18	25 ¹ / ₂
48	35 ¹ / ₂	18	25 ¹ / ₂
60	35 ¹ / ₂	18	25 ¹ / ₂
90	59	18	25 ¹ / ₂
120	66	18	25 ¹ / ₂



CONDENSING UNIT



MODEL	WIDTH	HEIGHT	DEPTH
SPC18	33 ¹ / ₂	24	12 ⁷ / ₈
SPC24	33 ¹ / ₂	24	12 ⁷ / ₈
SPC30	39 ¹ / ₂	39 ¹ / ₂	16 ¹ / ₂
SPC36	39 ¹ / ₂	29 ¹ / ₂	16 ¹ / ₂
SPC48	39 ¹ / ₂	29 ¹ / ₂	16 ¹ / ₂
SPC60	39 ¹ / ₂	29 ¹ / ₂	16 ¹ / ₄
SPC72	39 ¹ / ₂	50	16 ¹ / ₄

