

ACRA - Suggested Rates for ACMV Installations in 2003

G.I. Ductwork / m² (DW142 Standard)

	Bare Duct	Insulation				Painting	Cement Plastering
		Fibreglass		Phenolic	Elastomeric		
		32 kg/m ³	48 kg/m ³	35 kg/m ³	Class"0"		
		25mm thick					
0.6 mm	\$240	\$90	\$100	\$200	\$205	\$75	\$240
0.8 mm	\$255	\$90	\$100	\$200	\$205	\$75	\$240
1.0 mm	\$285	\$90	\$100	\$200	\$205	\$75	\$240
1.2 mm	\$320	\$90	\$100	\$200	\$205	\$75	\$240

S.S. Ductwork (304) / m²

	Bare Duct		Calcium Silicate	Cement Plastering
	Mild steel flange Joint	S.S. Flange Welding Joint		
0.6 mm	\$450	\$700	\$550	\$240
0.8 mm	\$500	\$800	\$550	\$240
1.0 mm	\$550	\$900	\$550	\$240
1.2 mm	\$630	\$1,100	\$550	\$240

Chilled Water Pipework / m (B.S. 1387 / B.S. 3601)

	Bare Pipe	Fibreglass 64 kg/m ³	Phenolic 40 kg/m ³	Cement Plastering	Al. Cladding 0.8 mm	Remarks
20 mm	\$162	\$105	\$153	\$85	\$188	25mm thick insulation
25 mm	\$175	\$118	\$162	\$85	\$205	
32 mm	\$211	\$131	\$175	\$95	\$222	
40 mm	\$256	\$145	\$210	\$99	\$248	
50 mm	\$288	\$157	\$232	\$109	\$274	35mm thick insulation
65 mm	\$341	\$175	\$332	\$119	\$299	
80 mm	\$402	\$206	\$428	\$129	\$325	
100 mm	\$498	\$227	\$480	\$144	\$351	
125 mm	\$672	\$262	\$541	\$149	\$376	50mm thick insulation
150 mm	\$838	\$306	\$594	\$164	\$402	
200 mm	\$1,231	\$363	\$637	\$188	\$428	
250 mm	\$1,510	\$393	\$698	\$248	\$462	
300 mm	\$1,868	\$471	\$768	\$283	\$496	65mm thick insulation
400 mm	\$2,691	\$576	\$873	\$347	\$558	
500 mm	\$3,330	\$720	\$990	\$421	\$594	

600 mm	\$4,050	\$855	\$1,170	\$520	\$648	
--------	---------	-------	---------	-------	-------	--

ACRA - Suggested Rates for ACMV Installations in 2003

Refrigerant Pipework / m

	Bare	Elastomeric Class"0"
φ15mm	\$150	\$77
φ22mm	\$171	\$81
φ28mm	\$193	\$90
φ35mm	\$225	\$108
φ42mm	\$270	\$135

Flexible Duct Per m

	16 kg/m ³	24 kg/m ³
100 mm	\$75	\$80
125 mm	\$80	\$85
150 mm	\$85	\$90
200 mm	\$95	\$105
250 mm	\$115	\$125
300 mm	\$130	\$140

Local Fire Damper

Below 0.2 m ²	\$850 per no.
Above 0.2 m ²	\$4,200 per m ²

FRP Ductwork / m² Without Insulation

	9mm	12mm	25mm
Promat	\$650	\$790	\$930
Durasteel	\$1,200	\$1,380	

To install only - Fan coil units including control wiring (3m) for all thermostats (either wall-mount or duct-mount), fan speed switches, necessary controls, supports, etc. (FCU and control equip. not included)

FCU - 400 cfm	\$1,800
FCU - 600 cfm	\$1,850
FCU - 800 cfm	\$1,900
FCU - 1000 cfm	\$1,950
FCU - 1200 cfm	\$2,000
FCU - 1400 cfm	\$2,050

ACRA - Suggested Rates for ACMV Installations in 2003

Preinsulated local make access door

\$2,150 per m²

Sound attenuators/silencers including casings, flanges, etc. per m³

Longer dimension :	600-1000mm	-	\$9,500
	>1000mm	-	\$3,600

Plant room wall linings including supports, fixing, etc.

\$380 per m²

Duct linings including fixing, etc.

\$170 per m²

ACMV Worker - Daily Labour Rate

	08:00-18:00	18:00-22:00	22:00-00:00	00:00-8:00
Fitter	\$850	\$850	\$850	\$3,400
Plumber	\$850	\$850	\$850	\$3,400
Electrician	\$900	\$900	\$900	\$3,600
Sheet Metal fitter	\$850	\$850	\$850	\$3,400
Insulation worker	\$850	\$850	\$850	\$3,400
Welder	\$1,800	\$1,800	\$1,800	\$7,200

Remarks :

- All unit rates are in Hong Kong Dollars.
- The suggested rates is designed to serve as a general pricing guideline for commercial projects in Hong Kong of value over HK\$1,000,000.00.