



AEON AIRCONDITIONING SOLUTIONS

Complete Airconditioning solutions.

Office No. 108 & 109, Devashree Garden Commercial Complex, R.W. Sawant Marg, Above Sheetal Dairy,
Rutu Park, Thane - 4000601, Maharashtra. Email: services@aeonacsolutions.com / projects@aeonacsolutions.com Mob. No. - 9322334106 / 9322334108

Company Name		Dated	28.11.2025
CHAAYOS			

Site Address: - CBD Belapur, Navi Mumbai

MEASUREMENT SHEET

Sr. No.	Description	Unit	Qty	Remark
A	Standard Installation Charges for VRV Outdoor Units			
1	Labour charges towards Installation of 24HP VRV Outdoor Unit.	HP	2	
B	Standard Installation, Testing & Commissioning Charges for VRV Indoor Units			
1	Labour charges towards Installation of VRV TFA AC Indoor Unit 4.1 TR	Nos	1.00	
2	Labour charges towards Installation of VRV Hi Wall AC Indoor Unit 1.6 TR	Nos	2.00	
3	Labour charges towards Installation of VRV Cassette AC Indoor Unit 1.6 TR	Nos	1.00	
4	Labour charges towards Installation of VRV Cassette AC Indoor Unit 2.66 TR	Nos	4.00	
C	Supply, Installation, Testing & Commissioning of following imported copper fittings to be provided in refrigerant pipe line.			
1	Refnet Joints (Y-Joints)	No	7.00	
2	Refnet Headers	No	1.00	
D	COPPER REFRIGERANT PIPING			
	Supply, installation, testing and commissioning of interconnecting copper refrigerant piping of DHE Grade C12200- ASTM B68, B75, chemical composition of copper %- 99.0 Min and Phosphorus %- 0.015 to 0.040. For Annealed copper tube :- Tensile strength = 210 Mpa with elongation % = 40 Min. Ink Mark Brand Printing on Hard Tubes should be present. duly insulated with tubular elastomeric nitrile rubber FM/UL approved with high water vapor diffusion resistance and low thermal conductivity should be certified 'Class O' in Fire Propagation as per BS 476 Part 6 including chase cutting and filling with mortar, Slotted channel supports mounted on 10 mm threaded rod at suitable spacing the exposed piping shall be wrapped with glass woven cloth and lag coating for vapour barrier and weather protection. Joints shall be covered with nitrile rubber tape of 3 mm thick complete as required of following sizes. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work.			
	Pipe Size	Thickness of CSE		
	(O.D.)	Insulation		
1.2	28.6 mm O.D., wall thickness ≥ 1.2mm (insulation - 19 mm thick)		RM	17.00
1.3	22.2 mm O.D., wall thickness ≥ 1.0mm (insulation - 19 mm thick)		RM	3.00
1.5	15.9 mm O.D., wall thickness ≥ 0.8mm (insulation - 13 mm thick)		RM	9.00
1.6	12.7 mm O.D., wall thickness ≥ 0.8mm (insulation - 13 mm thick)		RM	13.00
1.7	9.5 mm O.D., wall thickness ≥ 0.8mm (insulation - 13 mm thick)		RM	12.00
1.8	6.4 mm O.D., wall thickness ≥ 0.8mm (insulation - 13 mm thick)		RM	7.00
E	Control Cable :			
1	Supply & Labour towards Communication Cable between IDU to ODU 2 Core 1.0 Sqmm with conduits	Rmt	85.00	81
2	Supply & Labour towards Power Cable between IDU to ODU 3 Core 1.5 Sqmm	Rmt	12.00	
F	Drain Pipe :			
	Providing & Fixing of IS : 4985 - 2000 Class -4 (10 Kg / Sqcm) UPVC drain water piping with fittings (IS:7834 & 10Kg/sqcm) like elbow, socket, Tee, solvent cement jointing, support with MS hanger on ceiling or recessed in wall with chasing & plastering with 6 mm thick closed cell elastomeric nitrile rubber insulation including leakage testing etc. as required of following Nominal sizes. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work.			
1	32mm dia	Rmt	39.85	
G	FACTORY FABRICATED DUCTING			
1	Supply, Fabrication, Installation and Testing of sheet metal ducts complete with vanes, splitter damper hanging arrangement including check nuts in accordance with the approved shop drawings and specifications.			
1.1	0.63 mm (24 gauge) GSS	Sqmt	78.10	
H	DUCT INSULATION			
	Make: Armacell / Vidoflex / Aerolam / Pidilite			
	Supplying and fixing of following thickness duly laminated aluminium foil of mat finished closed cell Nitrile rubber (class "O") insulation on duct after applying two coats of cold setting adhesive (The joints shall sealed with 50mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required.			
1	Thermal Duct Insulation with 19 mm nitrile rubber (TFA duct)	sqmtr	19.21	
2	Open cell calss with 13 mm	sqmtr	8.83	
I	Canvas Connection			
1	Supply, Installation and Testing of fire retardant canvass connection for connecting duct and unit	Nos.	1.00	
J	Lifting Shifting VRV ODU & IDU on all floors			
	Lifting Shifting VRV ODU & IDU on all floors	Lot	1.00	
K	Transportation of spares and materials			
	Transportation of spares and materials	Lot	1.00	
L	Additional Refrigerant Charging as per copper length.			
	Additional Refrigerant Charging as per copper length.	Kg's	8.50	TBD
N	Fabrication of Outdoor Unit Stand for 24 HP VRV unit			
	Fabrication of Outdoor Unit Stand for 24 HP VRV unit	Kg's	250.00	TBD
O	Supply, installation, Lovers with bird screen			
	Supply, installation, Lovers with bird screen	sqmtr	1.00	TBD
Q	DAMPER			
	Supply, installation, testing and commissioning of 50 micron powder coated "Aluminium" collar volume control dampers with key operated of black painted in supply air registers / terminals.	sqmtr	0.30	
R	Grill/ Disfuser			
	Supply, installation, testing and commissioning of 50 micron powder coated Linear Grill/Diffuser, Note: color as per Interior Desinger	sqmtr	2.50	

Shakti
06/12/25



AEON AIRCONDITIONING SOLUTIONS

Complete Airconditioning solutions.

Office No. 108 & 109, Devashree Garden Commercial Complex, R.W. Sawant Marg, Above Sheetal Dairy, Rulu Park, Thane - 4000601, Maharashtra. Email: services@aeonacsolutions.com / projects@aeonacsolutions.com Mob. No. - 9322334106

Measurement for Supply Ducting @ **BORIVALI (CHAYOS) CBD, Belapur**

Ducting Work done by AEON AIRCONDITIONING SOLUTIONS

Supply & installation of Ducting

Sr. No.	Description	Size in mm				Perimeter	Length	Qty In No's	Area (Sq. Mtr.)
		Width	Depth	Width	Depth				
A	TFA - DUCTING								
1	Taper	450	200	250	250	1150	400 ✓	1	0.46
2	Straight Duct	450	200	450	200	1300	2400 ✓	1	3.12
3	Taper	450	200	250	200	1100	400 ✓	1	0.44
4	Straight Duct	250	200	250	200	900	3200 ✓	1	2.88
5	Dead End	350	300	0	0	650	1675 ✓	1	1.08875
6	COLLER (Taper)	350	150	250	150	900	200 ✓	1	0.18
7	Straight Duct	250	150	250	150	800	300 ✓	1	0.24
8	COLLER (Taper)	350	150	250	150	900	200 ✓	1	0.18
9	Straight Duct	250	150	250	150	800	300 ✓	1	0.24
TOTAL Sq. Mtr.									8.82875

Sr. No.	Description	Size in mm				Perimeter	Length	Qty In No's	Area (Sq. Mtr.)
		Width	Depth	Width	Depth				
B	SUPPLY DUCTING								
10	Straight Duct	650	450	650	450	2200	1700 ✓	1	0.2925
11	Elbow	650	450	650	450	2200	450 ✓	1	0.99
12	Straight Duct	650	450	650	450	2200	1000 ✓	1	2.2
13	Elbow	650	450	650	450	2200	450 ✓	1	0.99
14	Straight Duct	650	450	650	450	2200	1200 ✓	1	2.64
15	Taper	650	450	650	400	2150	350 ✓	1	0.7525
16	Straight Duct	650	400	650	400	2100	2400 ✓	1	5.04
17	Taper	650	400	650	250	1950	350 ✓	1	0.6825
18	Straight Duct	650	250	650	250	1800	2100 ✓	1	3.6
19	Dead End	750	350	0	0	1100	1675 ✓	1	1.8425
TOTAL Sq. Mtr.									19.03

Sr. No.	Description	Size in mm				Perimeter	Length	Qty In No's	Area (Sq. Mtr.)
		Width	Depth	Width	Depth				
C	AIR WASHER CONNECT DUCTING								
20	Straight Duct	500	700	500	700	2400	6000 ✓	1	16.8
21	Taper	500	700	500	500	2200	400 ✓	1	0.88
22	Straight Duct	500	500	500	500	2000	800 ✓	1	1.6
23	Elbow	500	500	500	500	2000	875 ✓	1	0.25
24	Straight Duct (offset)	500	500	500	500	2000	800 ✓	1	1
25	Straight Duct	500	500	500	500	2000	2400 ✓	1	4.8
26	Taper	500	500	500	400	1900	370 ✓	1	0.703
27	Straight Duct	500	400	500	400	1800	5000 ✓	1	9.09
28	Dead End	600	500	0	0	1100	1675 ✓	1	1.8425
29	COLLER (Taper)	600	300	700	300	1900	150 ✓	1	0.285
30	Straight Duct	600	300	600	300	1800	5800 ✓	1	8.64
31	Dead End	750	350	0	0	1100	1675 ✓	1	1.8425
TOTAL Sq. Mtr.									47.733

Rectangle Ducting

Ducting in Sq. Mtr. 75.59
Ducting in Sqft 813.669597

*only measurement
verify in
field
Need to take
extra work
complete*

1700

2100

6000

800

5000

5000

AEON AIRCONDITIONING SOLUTIONS

Complete Airconditioning solutions.

Devashree Garden Commercial Complex, R.W. Sawant Marg, Above Sheetal Dairy, Rutu Park,
Maharashtra. Email: services@aeonacsolutions.com / projects@aeonacsolutions.com Mob. No. - 9322334106

Measurement for Supply Ducting @ BORIVALI (CHAYOS) CBD, Belapur

Ducting Work done by AEON AIRCONDITIONING SOLUTIONS

Supply & installation of Ducting

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
A	TFA - DUCTING								
1	Taper	450	200	250	250	1150	400	1	0.46
2	Straight Duct	450	200	450	200	1300	2400	1	3.12
3	Taper	450	200	250	200	1100	400	1	0.44
4	Straight Duct	250	200	250	200	900	3200	1	2.88
5	Dead End	350	300	0	0	650	1675	1	1.08875
6	COLLER (Taper)	350	150	250	150	900	200	1	0.18
7	Straight Duct	250	150	250	150	800	300	1	0.24
8	COLLER (Taper)	350	150	250	150	900	200	1	0.18
9	Straight Duct	250	150	250	150	800	300	1	0.24
TOTAL Sq. Mtr.								8.82875	

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
B	SUPLY DUCTING								
10	Straight Duct	650	450	650	450	-	1700	1	0.2925
11	Elbow	650	450	650	450	2200	450	1	0.99
12	Straight Duct	650	450	650	450	2200	1000	1	2.2
13	Elbow	650	450	650	450	2200	450	1	0.99
14	Straight Duct	650	450	650	450	2200	1200	1	2.64
15	Taper	650	450	650	400	2150	350	1	0.7525
16	Straight Duct	650	400	650	400	2100	2400	1	5.04
17	Taper	650	400	650	250	1950	350	1	0.6825
18	Straight Duct	650	250	650	250	1800	2100	1	3.78
19	Dead End	750	350	0	0	1100	1675	1	1.8425
TOTAL Sq. Mtr.								19.21	

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
C	AIR WASHER CONNECT DUCTING								
20	Straight Duct	500	700	500	700	2400	6000	1	14.4
21	Taper	500	700	500	500	2200	400	1	0.88
22	Straight Duct	500	500	500	500	2000	800	1	1.6
23	Elbow	500	500	500	500	2000	875	1	0.25
24	Straight Duct {offset}	500	500	500	500	2000	800	1	1.6
25	Straight Duct	500	500	500	500	2000	2400	1	4.8
26	Taper	500	500	500	400	1900	370	1	0.703
27	Straight Duct	500	400	500	400	1800	5000	1	9
28	Dead End	600	500	0	0	1100	1675	1	1.8425
29	COLLER (Taper)	600	300	700	300	1900	150	1	0.285
30	Straight Duct	600	300	600	300	1800	5000	1	9
31	Dead End	750	350	0	0	1100	1675	1	1.8425
TOTAL Sq. Mtr.								46.203	

Rectangle Ducting	Ducting in Sq. Mtr.	74.24
	Ducting in Sqft	799.138197

Handwritten signature/initials

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
D	TFA - DUCTING INSULATION -NITRILE RUBBER 13MM								
1	Taper	450	200	250	250	1150	400	1	0.46
2	Straigth Duct	450	200	450	200	1300	2400	1	3.12
3	Taper	450	200	250	200	1100	400	1	0.44
4	Straigth Duct	250	200	250	200	900	3200	1	2.88
5	Dead End	350	300	0	0	650	1675	1	1.08875
6	COLLER (Taper)	350	150	250	150	900	200	1	0.18
7	Straigth Duct	250	150	250	150	800	300	1	0.24
8	COLLER (Taper)	350	150	250	150	900	200	1	0.18
9	Straigth Duct	250	150	250	150	800	300	1	0.24
							TOTAL Sq. Mtr.		8.82875

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
E	SUPLY DUCTING INSULATION -NITRILE RUBBER 19MM								
10	Straigth Duct	650	450	650	450	-	1700	1	0.2925
11	Elbow	650	450	650	450	2200	450	1	0.99
12	Straigth Duct	650	450	650	450	2200	1000	1	2.2
13	Elbow	650	450	650	450	2200	450	1	0.99
14	Straigth Duct	650	450	650	450	2200	1200	1	2.64
15	Taper	650	450	650	400	2150	350	1	0.7525
16	Straigth Duct	650	400	650	400	2100	2400	1	5.04
17	Taper	650	400	650	250	1950	350	1	0.6825
18	Straigth Duct	650	250	650	250	1800	2100	1	3.78
19	Dead End	750	350	0	0	1100	1675	1	1.8425
							TOTAL Sq. Mtr.		19.21

TOTAL INSULATION	Ducting in Sq. Mtr.	28.04
	Ducting in Sqft	301.809105

RECTANGLE GRILL

Sr. No.	Description	Size in mm			Qty	Sq mm	Sq Feet
		Width	Depth	Length	In No's		
F							
1	GRILL (FRESH AIR)	300	300	1	9	90000	8.72
2	GRILL (TFA)	200	200	1	2	40000	0.86
3	GRILL - KITCHAN (EXHUAST)	350	350	1	8	122500	10.55
						20.13	
Total GRILLS				in Sqft		20.13	
				in Sqmt		1.87	

G	Description	Qty	Unit
		CANVAS	1



AEON AIRCONDITIONING SOLUTIONS

Complete Airconditioning solutions.

Office No. 108 & 109, Devashree Garden Commercial Complex, R.W. Sawant Marg, Above Sheetal Dairy, Rutu Park,
Thane - 4000601, Maharashtra. Email: services@aeonacsolutions.com / projects@aeonacsolutions.com Mob. No. - 9322334106

Measurement for Supply Ducting @ **BORIVALI (CHAAYOS) CBD, Belapur**

Ducting Work done by AEON AIRCONDITIONING SOLUTIONS

Supply & installation of Ducting

Sr. No.	Description	Size in mm				Perimeter	Length	Qty	Area (Sq. Mtr.)
		Width	Depth	Width	Depth			In No's	
A	TFA - DUCTING								
10	Taper	740	420	740	420	2320	1100	1	2.552
7.1	Elbow	250	150	250	150	800	400	1	0.32
9.1	Elbow	650	450	650	450	2200	450	1	0.99
								TOTAL Sq. Mtr.	3.862
Rectangle Ducting						Ducting in Sq. Mtr.		3.86	
						Ducting in Sqft		41.570568	

RECTANGLE GRILL WITH DAMPER							
Sr. No.	Description	Size in mm			Qty	Sq mm	Sq Feet
		Width	Depth	Length	In No's		
B							
1	GRILL WITH DAMPER (TFA)	250	150	1	2	37500	0.81
							0.81
Total GRILLS				in Sqft		0.81	
				in Sqmt		0.08	

C	Description	Qty	Unit
	LOVERS WITH BIRD SCREEN	1	Nos

