



AIR CONDITIONING HEATING
AND SERVICE OF TAMPA BAY
 PROUDLY SERVICING TAMPA BAY

Homeowner Permit

Work Sheet

Contractor Permit

Client Name: Phone: Email:
 Address: Apt:
 City: State: Zip:

Brand: Condenser: Tonnage: HP: Seer:

Brand: Air-Handler: Tonnage: Heat Strip: Seer:

Panel: Condenser Breaker: Existing: New:

Air Handler: Existing: New:

Condenser...

Code: Condenser Disconnect: Replace: Whip:

Code: Hurricane Slab: **Code:** Straps: [®] **Code:** Tamper Proof Caps:

Code: GFI Receptacle: **Code:** Insulation UV:

Air Handler...

Code: Air Handler Disconnect: Replace: Whip: LVW:

Attic: Garage: Vertical: Horizontal: Pan: Hang Kit:

Code: Access Lighting: **Code:** 6' Lighting at Equip: **Code:** Receptacle:

Code: Safety Switch: **Code:** Wood platform: **Code:** Walk-way:

Closet: **Code:** Stand Metal:

Copper Suction Existing: New: Liquid line Existing: New:

Duct Work: Seal: Minor Repairs: Replace:

Reason for swap out: Replacement: Equipment Failure: Compressor Failure:

Notes:





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Tons	Line Size	Total Equivalent Length								Velocity FPM
		75	100	125	150	175	200	225	250	
1.5	5/8	3	4	5	7	8	10	12	13	1185
	3/4	3	4	5	6	8	10	11	12	808*
2.0	5/8	2	4	6	7	-	-	-	-	1582
	3/4	3	4	4	5	6	7	8	10	1078
2.5	3/4	2	3	4	5	6	7	8	10	1346
	7/8	2	3	4	5	6	6	7	8	952*
3.0	3/4	2	2	4	5	6	8	-	-	1616
	7/8	2	3	3	4	5	5	6	7	1143
3.5	3/4	2	3	4	6	-	-	-	-	1887
	7/8	2	2	3	3	4	5	6	7	1333
4.0	3/4	2	4	5	-	-	-	-	-	2155
	7/8	1	2	2	3	5	6	7	8	1523
5.0	7/8	1	2	3	5	6	-	-	-	1905
	1-1/8	1	2	2	3	3	4	4	5	1117
7.5	1-1/8	1	1	2	2	3	4	5	5	1676
	1-3/8	1	1	2	2	3	3	3	4	1100
10	1-3/8	1	1	1	2	2	2	3	3	1467
	1-5/8	1	1	1	2	2	2	3	3	1036
12.5	1-3/8	1	1	1	1	2	2	3	4	1834
	1-5/8	1	1	1	1	2	2	2	3	1295
15	1-3/8	1	1	1	2	3	4	5	-	2200
	1-5/8	1	1	1	1	1	2	2	2	1554
20	1-5/8	1	1	1	1	1	2	3	3	2073
	2-1/8	1	1	1	1	1	1	2	2	1191
25	1-5/8	1	1	1	2	3	4	-	-	2591
	2-1/8	1	1	1	1	1	1	1	2	1489

*Velocity is below 1000 fpm, should only be used on horizontal line.