

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

CV/VAV SINGLE DUCT AIR TERMINAL UNIT WITH REHEAT SCHEDULE														
UNIT NO.	CFM [l/s]		DUCT RUNOUT SIZE TO UNIT (NOTE 1) IN. [mm]	UNIT MAX. SP. AT MAX. (NOTE 2) CFM	SOUND REQUIR. (NOTE 3)	HOT WATER HEATING COIL								CONTROL TYPE
	MAX.	MIN.				SP. ACROSS UNIT AT MAX. ROOM NC	MAX. ROOM NC	ENT. AIR TEMP. [°F/°C]	ENT. WATER TEMP. [°F/°C]	GPM [l/s]	MAX. WATER PD.	PIPE RUNOUT SIZE TO COIL IN. [mm]	CFM AT MIN. BTUH [W]	
VTU1-1-1	230 [109]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C
VTU1-1-2	190 [90]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C
VTU1-1-3	130 [61]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C
VTU1-1-4	250 [118]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.6 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C
VTU1-1-5	390 [184]	120 [56]	6# [154]	0.4	1.5	35	55 [13]	150 [66]	0.9 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C
VTU1-1-6	380 [179]	120 [56]	6# [154]	0.4	1.5	35	55 [13]	150 [66]	0.8 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C
VTU1-1-7	320 [151]	100 [47]	6# [154]	0.4	1.5	35	55 [13]	150 [66]	1.0 [0.07]	0.5	3/4 [19]	100 [47]	3300 [967]	C
VTU1-1-8	230 [109]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C
VTU1-1-9	420 [198]	130 [61]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	0.9 [0.06]	0.5	3/4 [19]	130 [61]	4290 [1257]	C
VTU1-1-10	90 [42]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C
VTU1-1-11	500 [236]	150 [71]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	1.1 [0.07]	0.5	3/4 [19]	150 [71]	4950 [1451]	C
VTU1-1-12	520 [245]	160 [75]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	1.1 [0.07]	0.5	3/4 [19]	160 [75]	5280 [1547]	C
VTU1-1-13	60 [28]	20 [9]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	20 [9]	660 [193]	C
VTU1-1-14	60 [28]	20 [9]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	20 [9]	660 [193]	C
VTU1-1-15	80 [38]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C
VTU1-1-16	250 [118]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.6 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C
VTU1-1-17	370 [175]	120 [56]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.8 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C
VTU1-1-18	130 [61]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C
VTU1-1-19	130 [61]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C
VTU1-1-20	320 [151]	100 [47]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.7 [0.04]	0.5	3/4 [19]	100 [47]	3300 [967]	C
VTU1-1-21	850 [400]	260 [122]	10# [254]	0.4	1.5	35	55 [13]	150 [66]	1.9 [0.11]	0.5	3/4 [19]	260 [122]	8580 [2515]	C
VTU1-1-22	240 [113]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C
VTU1-1-23	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C
VTU1-1-24	240 [113]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C
VTU1-1-25	650 [307]	200 [94]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	1.4 [0.09]	0.5	3/4 [19]	200 [94]	6600 [1934]	C
VTU1-1-26	370 [175]	120 [56]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.8 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C
VTU1-1-27	390 [184]	120 [56]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.9 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C
VTU1-1-28	350 [165]	110 [52]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.8 [0.05]	0.5	3/4 [19]	110 [52]	3630 [1064]	C
VTU1-1-29	210 [99]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C
VTU1-1-30	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C
VTU1-1-31	80 [38]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C
VTU1-1-32	60 [28]	20 [9]	4# [102]	0.4	1.5	40	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	20 [9]	660 [193]	C
VTU1-1-33	90 [42]	30 [14]	4# [102]	0.4	1.5	40	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C
VTU1-1-34	340 [160]	110 [52]	6# [152]	0.4	1.5	35	55 [13]	150 [66]	0.7 [0.05]	0.5	3/4 [19]	110 [52]	3630 [1064]	C
VTU1-1-35	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-36	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-37	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-38	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-39	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-40	1520 [717]	460 [216]	12# [305]	0.4	1.5	40	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C
VTU1-1-41	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C
VTU1-1-42	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C
VTU1-1-43	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C
VTU1-1-44	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C

CV/VAV SINGLE DUCT AIR TERMINAL UNIT WITH REHEAT SCHEDULE															
UNIT NO.	CFM [l/s]		DUCT RUNOUT SIZE TO UNIT (NOTE 1) IN. [mm]	UNIT MAX. SP. AT MAX. (NOTE 2) CFM	SOUND REQUIR. (NOTE 3)		HOT WATER HEATING COIL								CONTROL TYPE
	MAX.	MIN.			SP. ACROSS UNIT AT MAX. ROOM NC	MAX. ROOM NC	ENT. AIR TEMP. [°F/°C]	ENT. WATER TEMP. [°F/°C]	GPM [l/s]	MAX. WATER PD	PIPE RUNOUT SIZE TO COIL IN. [mm]	CFM AT MIN. BTUH [W]	MIN. BTUH [W]		
VTU1-1-45	540 [255]	170 [80]	8# [203]	0.4	1.5	40	55 [13]	150 [66]	1.2 [0.07]	0.5	3/4 [19]	170 [80]	5610 [1644]	C	
VTU1-1-46	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C	
VTU1-1-47	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C	
VTU1-1-48	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C	
VTU1-1-49	1080 [510]	330 [155]	10# [254]	0.4	1.5	40	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C	
VTU1-2-1	220 [104]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C	
VTU1-2-2	80 [38]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C	
VTU1-2-3	180 [85]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C	
VTU1-2-4	180 [85]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C	
VTU1-2-5	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C	
VTU1-2-6	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C	
VTU1-2-7	450 [212]	140 [66]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	1.0 [0.06]	0.5	3/4 [19]	140 [66]	4620 [1354]	C	
VTU1-2-8	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C	
VTU1-2-9	250 [118]	80 [32]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.6 [0.03]	0.5	3/4 [19]	80 [32]	2640 [774]	C	
VTU1-2-10	180 [85]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C	
VTU1-2-11	420 [198]	130 [61]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	0.9 [0.06]	0.5	3/4 [19]	130 [61]	4290 [1257]	C	
VTU1-2-12	150 [71]	50 [24]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	50 [24]	1650 [484]	C	
VTU1-2-13	120 [57]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C	
VTU1-2-14	90 [42]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C	
VTU1-2-15	80 [38]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C	
VTU1-2-16	160 [76]	50 [24]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	50 [24]	1650 [484]	C	
VTU1-2-17	720 [340]	220 [103]	10# [254]	0.4	1.5	35	55 [13]	150 [66]	1.6 [0.10]	0.5	3/4 [19]	220 [103]	7260 [2128]	C	
VTU1-2-18	1090 [518]	330 [155]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	2.4 [0.14]	0.5	3/4 [19]	330 [155]	10890 [3192]	C	
VTU1-2-19	480 [227]	150 [71]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	1.1 [0.06]	0.5	3/4 [19]	150 [71]	4950 [1451]	C	
VTU1-2-20	90 [42]	30 [14]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	30 [14]	990 [290]	C	
VTU1-2-21	220 [104]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C	
VTU1-2-22	180 [85]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C	
VTU1-2-23	220 [104]	70 [33]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	70 [33]	2310 [677]	C	
VTU1-2-24	180 [85]	60 [28]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	60 [28]	1980 [580]	C	
VTU1-2-25	240 [113]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C	
VTU1-2-26	160 [76]	50 [24]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	50 [24]	1650 [484]	C	
VTU1-2-27	110 [52]	40 [19]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	40 [19]	1320 [387]	C	
VTU1-2-28	150 [71]	50 [24]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	50 [24]	1650 [484]	C	
VTU1-2-29	400 [189]	120 [56]	8# [203]	0.4	1.5	35	55 [13]	150 [66]	0.9 [0.05]	0.5	3/4 [19]	120 [56]	3960 [1161]	C	
VTU1-2-30	160 [76]	50 [24]	4# [102]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	50 [24]	1650 [484]	C	
VTU1-2-31	240 [113]	80 [38]	5# [127]	0.4	1.5	35	55 [13]	150 [66]	0.5 [0.03]	0.5	3/4 [19]	80 [38]	2640 [774]	C	
VTU1-2-32	1520 [717]	460 [216]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C	
VTU1-2-33	1520 [717]	460 [216]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.3 [0.20]	0.5	1 [26]	460 [216]	15180 [4449]	C	
VTU1-2-34	1540 [727]	470 [221]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.4 [0.20]	0.5	1 [26]	470 [221]	15510 [4546]	C	
VTU1-2-35	1540 [727]	470 [221]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.4 [0.20]	0.5	1 [26]	470 [221]	15510 [4546]	C	
VTU1-2-36	1540 [727]	470 [221]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.4 [0.20]	0.5	1 [26]	470 [221]	15510 [4546]	C	
VTU1-2-37	1540 [727]	470 [221]	12# [305]	0.4	1.5	35	55 [13]	150 [66]	3.4 [0.20]	0.5	1 [26]	470 [221]	15510 [4546]	C	