TERMINAL UNITS - CONSTANT VOLUME - SECOND FLOOR

MARK		TU-201	TU-202	TU-203	TU-204	TU-205	TU-206	TU-207	TU-208	TU-209	TU-210	TU-211	TU-212	TU-213	TU-214	TU-215	TU-216	TU-217	TU-218	TU-219	TU-220
LOCATION		WAITING	RECEP	TRIAGE	RECEP	WAITING	WORK 2055	CORRIDOR	CORR 2019	CORR 2019	CORR 2019	CORR 2028	CORR 2028	CORR 2028	CORR 2047	CORR 2036	CORR. 2036	CORR 2036	CORR 2036	CORR 2073	CORR 2073
SERVES		2009	2006	2062	2003	2002	OFFICE 2058	DIS 2063	EXAM 2017	EXAM 2018	EXAM 2021	EXAM 2025	XRAY 2026	XRAY 2032	DIS 2049	EXAM 2041	EXAM 2039	EXAM 2038	EXAM 2035	EXAM 2022	EXAM 2071
CAPACITY	MAX FLOW: CFM	1,680	1,530	725	1,530	1,500	510	600	135	135	135	445	380	765	575	135	135	135	550	135	135
	MAX PD: IN WG	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
UNIT	INLET SIZE: IN	14	14	10	14	14	8	8	6	6	6	8	6	10	8	6	6	6	8	6	6
	OUTLET SIZE: IN	20x18	20x18	14x13	20x18	20x18	12x10	12x10	10x10	10x10	10x10	12x10	10x10	14x13	12x10	10x10	10x10	10x10	12x10	10x10	10x10
NOISE CRITERIA	NC: DISCHARGE	15	15	18	15	15	19	19	20	20	20	19	20	18	19	20	20	20	19	20	20
	NC: RADIATED	20	18	19	18	18	20	20	20	20	20	20	20	19	20	20	20	20	20	20	20
HEATING COIL	CAPACITY:MBH	71.0	68.8	31.8	68.8	68.0	22.0	23.2	6.7	6.7	6.7	14.2	17.1	32.4	23.0	6.7	6.7	6.7	22.5	6.7	6.7
	HW FLOW: GPM	3.0	3.0	1.5	3.0	3.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	EAT	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	LAT	95	97	96	97	97	95	91	100	100	100	85	97	94	92	100	100	100	93	100	100
	LWT	132	134	137	134	134	136	133	166	166	166	165	145	136	134	166	166	166	135	166	166
	ROWS	2	2	2	2	2	2	2	1	1	1	1	2	2	2	1	1	1	2	1	1
BASIS OF DESIGN	MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
	MODEL	DESV-14	DESV-14	DESV-10	DESV-14	DESV-14	DESV-08	DESV-08	DESV-06	DESV-06	DESV-06	DESV-08	DESV-06	DESV-10	DESV-08	DESV-06	DESV-06	DESV-06	DESV-08	DESV-06	DESV-06
	NOTES	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]

MARK		TU-221	TU-222	TU-223	TU-224	TU-225	TU-226	TU-227	TU-228	TU-229	TU-230	TU-231	TU-232	TU-233	TU-234	TU-235	TU-236	TU-237	TU-238	TU-239	TU-240
LOCATION		CORR 2073	CORR 2073	CORR 2079	CORR 2079	CORR 2087	CORR 2087	CORR 2087	CORR 2094	CORR 2094	CORR 2094	NS 2074	CORR 2144	NS 2081	CORR 2147	NS 2081	WORK 2086	HSKP 2164	CORR 2147	CORR 2167	CORR 2099
SERVES		EXAM 2075	EXAM 2076	EXAM 2077	ISOL'N 2082	ISOL'N 2087	EXAM 2088	EXAM 2089	EXAM 2091	EXAM 2092	EXAM 2093	NS 2074	EXAM 2143	NS 2081	EXAM 2145	EXAM 2165	EXAM 2166	MEDS 2163	EXAM 2149	EXAM 2095	PHARM 2101
CAPACITY	MAX FLOW: CFM	135	460	135	275	435	535	135	135	460	410	550	360	400	135	135	135	300	135	385	625
	MAX PD: IN WG	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
UNIT	INLET SIZE: IN	6	8	6	6	8	8	6	6	8	8	8	6	6	6	6	6	6	6	6	8
	OUTLET SIZE: IN	10x10	12x10	10x10	10x10	12x10	12x10	10x10	10x10	12x10	12x10	12x10	10x10	10x10	10x10	10x10	10x10	10x10	10x10	10x10	12x10
NOISE CRITERIA	NC: DISCHARGE	20	18	20	16	19	19	20	20	19	19	19	20	20	20	20	20	20	20	20	19
	NC: RADIATED	20	18	20	16	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
HEATING COIL	CAPACITY:MBH	6.7	21.0	6.7	11.9	20.6	22.2	6.7	6.7	21.0	19.9	22.5	16.8	13.6	6.7	6.7	6.7	9.9	6.7	12.6	26.8
	HW FLOW: GPM	1.0	1.0	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.5	1.0	1.5	1.5
	EAT	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	LAT	100	97	100	95	99	94	100	100	98	100	93	98	86	100	100	100	86	100	86	95
	LWT	166	137	166	132	138	136	166	166	138	139	135	146	166	166	166	166	166	166	163	144
	ROWS	1	2	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	1	1	2
BASIS OF DESIGN	MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
	MODEL	DESV-06	DESV-08	DESV-06	DESV-06	DESV-08	DESV-08	DESV-06	DESV-06	DESV-08	DESV-08	DESV-08	DESV-06	DESV-06	DESV-06	DESV-06	DESV-06	DESV-06	DESV-06	DESV-06	DESV-08
	NOTES	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]

MARK		TU-241	TU-242	TU-243	TU-244	TU-245	TU-246	TU-247	TU-248	TU-249	TU-250	TU-251	TU-252	TU-253	TU-254	TU-255	TU-256	TU-257	TU-258	TU-259	TU-260
LOCATION		CORR 2106	CORR 2106	LOBBY 2107	CORR 2108	CORR 2112	CORR 2112	CORR 2112	CORR 2159	CORR 2152	CORR 2156	CORR 2156	CORR 2117	CORR 2117	CORR 2117	STOR 2153	STOR 2153	STOR 2153	STOR 2153	STOR 2153	CORR 2138
SERVES		EXAM 2103	EXAM 2104	ELEC 2105	NS 2111	TRAUMA 2109	TRAUMA 2109	EXAM 2114	TRAUMA 2161	TRAUMA 2161	EXAM 2157	NS 2116	EXAM 2115	ISOL'N 2118	ISOL'N 2122	EXAM 2155	EXAM 2154	SECURE 2148	STOR 2153	SECURE 2145	CLEAN 2137
CAPACITY	MAX FLOW: CFM	335	135	150	650	770	520	135	520	845	285	650	135	275	435	135	135	135	505	135	470
	MAX PD: IN WG	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
UNIT	INLET SIZE: IN	6	6	6	8	10	8	6	8	12	6	8	6	6	8	6	6	6	8	6	8
	OUTLET SIZE: IN	10x10	10x10	10x10	12x10	14x13	12x10	10x10	12x10	16x15	10x10	12x10	10x10	10x10	12x10	10x10	10x10	10x10	12x10	10x10	12x10
NOISE CRITERIA	NC: DISCHARGE	20	20	20	19	18	19	20	19	20	20	19	20	20	19	20	20	20	19	20	19
	NC: RADIATED	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
HEATING COIL	CAPACITY:MBH	16.3	6.7	4.1	27.3	32.6	22.0	6.7	22.0	32.7	9.7	27.3	6.7	11.9	20.6	6.7	6.7	6.7	21.5	6.7	21.0
	HW FLOW: GPM	1.0	1.0	0.5	1.5	1.5	1.0	1.0	1.0	1.0	1.5	1.5	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.5
	EAT	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	LAT	100	100	80	94	94	94	100	94	91	86	94	100	95	99	100	100	100	93	100	96
	LWT	147	166	160	143	136	136	166	136	114	167	143	166	132	138	166	166	166	136	166	152
	ROWS	2	1	1	2	2	2	1	2	2	1	2	1	2	2	1	1	1	2	1	2
BASIS OF DESIGN	MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
	MODEL	DESV-06	DESV-06	DESV-06	DESV-08	DESV-10	DESV-08	DESV-06	DESV-08	DESV-12	DESV-06	DESV-08	DESV-06	DESV-06	DESV-08	DESV-06	DESV-06	DESV-06	DESV-08	DESV-06	DESV-08
	NOTES	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]

MARK		TU-261	TU-262	TU-263	TU-264	TU-265	TU-266	TU-267	TU-268	TU-269	TU-270	TU-271	TU-272	TU-273	TU-274	TU-275	TU-276	TU-277	TU-278	TU-279	TU-280
LOCATION		STOR 2134	CORR 2133	CORR 2126	CORR 2126	CORR 2126	CORR 2256	CORR 2256	CORR 2256	CORR 2256	CORR 2263	CORR 2263	ALCOVE 2259	CORR 2252	CORR 2252	CHART 2194	CORR 2295	CORR 2295	LOCKERS 2291	VEST 2285	OFFICE 2283
SERVES		STOR 2134	EXAM 2132	EXAM 2123	EXAM 2124	EXAM 2037	TRAUMA 2254	TRAUMA 2254	TRAUMA 2258	TRAUMA 2258	TRAUMA 2264	TRAUMA 2264	MEDS 2261	NS 2255	TRAUMA 2251	SHELL 2299	CT 2296	CONT 2297	LOUNGE 2289	EMT 2288	SOILED 2197
CAPACITY	MAX FLOW: CFM	500	285	135	135	135	565	565	565	565	565	565	850	790	660	650	1,360	630	500	480	405
	MAX PD: IN WG	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
UNIT	INLET SIZE: IN	8	6	6	6	6	8	8	8	8	8	8	12	10	10	12	14	8	8	8	8
	OUTLET SIZE: IN	12x10	10x10	10x10	10x10	10x10	12x10	12x10	12x10	12x10	12x10	12x10	16x15	14x13	14x13	16x15	20x18	12x10	12x10	12x10	12x10
NOISE CRITERIA	NC: DISCHARGE	19	20	20	20	20	19	19	19	19	19	19	20	18	18	20	15	19	19	19	19
	NC: RADIATED	20	20	20	20	20	20	20	20	20	20	20	20	19	19	20	20	20	20	20	20
HEATING COIL	CAPACITY:MBH	21.6	10.0	6.7	6.7	6.7	25.8	25.8	25.8	25.8	25.8	25.8	32.7	33.0	27.3	51.2	57.8	26.8	21.6	21.4	13.6
	HW FLOW: GPM	1.0	2.0	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.0	1.5	1.5	2.0	2.0	1.5	1.0	1.0	2.0
	EAT	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
	LAT	95	87	100	100	100	97	97	97	97	97	97	91	93	94	89	93	95	95	96	86
	LWT	137	170	166	166	166	145	145	145	145	145	145	114	136	143	128	122	144	136	137	166
	ROWS	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
BASIS OF DESIGN	MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
	MODEL	DESV-08	DESV-06	DESV-06	DESV-06	DESV-06	DESV-08	DESV-08	DESV-08	DESV-08	DESV-08	DESV-08	DESV-12	DESV-10	DESV-10	DESV-08	DESV-14	DESV-08	DESV-08	DESV-08	DESV-08
	NOTES	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 4, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]

MARK		TU-281	TU-282	TU-283	TU-284	TU-285	TU-286	TU-287	TU-288	TU-289	TU-290	TU-291
LOCATION		OFFICE 2282	CORR 2209	CORR 2209	SOCIAL 2277	COMM 2274	CORR 2252	HALL 2064	RECEP	CORR. 2087	CORR. 2117	LOBBY 2107
SERVES		OFFICE 2283	QUIET 2271	SECURITY 2279	SOCIAL 2277	COMM 2274	EQUIP 2298	ELEC 2061	LOBBY 2007	NS 2081	NS 2125	LOBBY 2107
CAPACITY	MAX FLOW: CFM	610	310	680	360	470	500	225	425	400	800	430
	MAX PD: IN WG	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
UNIT	INLET SIZE: IN	8	6	10	6	8	8	6	8	6	10	8
	OUTLET SIZE: IN	12x10	10x10	14x13	10x10	12x10	12x10	10x10	12x10	10x10	14x13	12x10
NOISE CRITERIA	NC: DISCHARGE	19	20	18	20	19	19	20	19	20	18	19
	NC: RADIATED	20	20	19	20	20	20	20	20	20	19	20
HEATING COIL	CAPACITY:MBH	26.4	12.3	27.5	16.8	21.0	21.9	6.1	20.6	17.5	33.0	20.6
	HW FLOW: GPM	1.5	0.5	1.5	1.0	1.0	1.0	0.5	1.0	1.0	1.5	1.0
	EAT	55	55	55	55	55	55	55	55	55	55	55
	LAT	95	93	95	98	97	95	80	100	95	93	100
	LWT	144	130	142	146	137	136	160	140	145	136	140
	ROWS	2	2	2	2	2	2	1	2	2	2	2
BASIS OF DESIGN	MANUFACTURER	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS	TITUS
	MODEL	DESV-08	DESV-06	DESV-10	DESV-06	DESV-08	DESV-08	DESV-06	DESV-08	DESV-06	DESV-10	DESV-08
	NOTES	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]	[1, 2, 3, 5]

NOTES:

1. NC VALUES CALCULATED USING MODELING ASSUMPTIONS BASED ON ARI 885-90, 1" INLET SP, AND 0.25" DOWNSTREAM SP.
2. PIPE CONNECTION SIZES: 1/2" 1.5 GPM MAX, 3/4" 3 GPM MAX, 1" 6.5 GPM MAX, 1 1/4" 12 GPM MAX.
3. GPM BASED ON 180 DEGREE F EWT AND 160 DEGREES F LWT.
4. TU-275 SIZED FOR FUTURE 1400CFM. BALANCE AIRFLOW TO 650CFM AND WATER FLOW TO 1.0GPM.
5. OUTLET DUCT CONNECTION SHALL BE AS SCHEDULED UNLESS OTHERWISE NOTED ON PLANS.

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SCHEDULES

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