



GENERAL DATA

SWU & SCU Units

Table 1-1 General Data - SWU Water Cooled Condensing Units

Unit Size		10	15	20	25	30	35	40	45	50	60
Compressor											
Quantity		1	1	2	2	2	3	3	3	4	4
Nominal Tons	(tons)	10	15	10/10	10/15	15/15	10/10/15	10/15/15	15/15/15	10/10/15/15	15/15/15/15
Steps of Unloading	(%)	100	100	100-50	100-40	100-50	100-57-43	100-63-37	100-67-33	100-70-40-30	100-75-50-25
Condenser											
Water Storage	(gal)										
Minimum Flow	(gpm)	12	15	32	37	55	55	55	80	80	80
Maximum Flow	(gpm)	45	60	110	110	170	170	175	250	255	255
General Unit											
Refrigerant	(See Note 3)										
No. of Independent Refrigerant Circuits		1	1	1	1	1	1	1	1	1	1
Oil Type	(See Note 3)										
Oil Charge in each Compressor	(pt)	8.5	8.5	8.5/8.5	8.5/13.8	13.8/13.8	8.5/8.5/13.8	8.5/13.8/13.8	13.8/13.8/13.8	8.5/8.5/13.8/13.8	13.8/13.8/13.8/13.8

Table 1-2 General Data - SCU Compressor Units

Unit Size		10	15	20	25	30	35	40	45	50	60
Compressor											
Quantity		1	1	2	2	2	3	3	3	4	4
Nominal Tons	(tons)	10	15	10/10	10/15	15/15	10/10/15	10/15/15	15/15/15	10/10/15/15	15/15/15/15
Steps of Unloading	(%)	100	100	100-50	100-40	100-50	100-57-43	100-63-37	100-67-33	100-70-40-30	100-75-50-25
General Unit											
Refrigerant	(See Note 3)										
No. of Independent Refrigerant Circuits		1	1	1	1	1	1	1	1	1	1
Oil Type	(See Note 3)										
Oil Charge in each Compressor	(pt)	8.5	8.5	8.5/8.5	8.5/13.8	13.8/13.8	8.5/8.5/13.8	8.5/13.8/13.8	13.8/13.8/13.8	8.5/8.5/13.8/13.8	13.8/13.8/13.8/13.8

Notes:

- Nominal compressor sizes based on 60 Hz.
- Optional hot gas bypass feature allows additional stage of capacity reduction.
- NAPPS SWU and SCU products can be shipped with compressors charged with mineral oil for applications where R-22 drop-in replacement refrigerant is used or with POE oil for 407C refrigerant applications. Compressor oil type must be specified at time of order.