

PHYSICAL DATA

MODEL YCAJ			76SU6	77SU7	77SU6	87SU7	87AU6	97AU7	88XU6	98XU7	98XV6	99XU7	99XW6	99XW9
NOMINAL TONS	60 HZ		160.8		172.0		185.5		199.4		217.8		231.1	
	50 HZ		154.5		165.7		179.1		194.7		206.5		218.9	
NO. OF REFRIG. CIRCUITS			2		2		2		2		2		2	
COMPR. MODEL & MOTOR HORSE-POWER	60 HZ	SYS 1	JS64F-S (115 HP)		JS64F-S (115 HP)		JS83F-S (115 HP)		JS83F-S (115 HP)		JS84F-V (160 HP)		JS84F-V (160 HP)	
		SYS 2	JS63F-Q (90 HP)		JS64F-S (115 HP)		JS64F-S (115 HP)		JS83F-S (115 HP)		JS83F-S (115 HP)		JS84F-V (160 HP)	
	50 HZ	SYS 1	JS64F-S (115 HP)		JS83F-S (115 HP)		JS84F-T (135 HP)		JS84F-T (135 HP)		JS84F-T (135 HP)		JS84F-T (135 HP)	
		SYS 2	JS64F-S (115 HP)		JS64F-S (115 HP)		JS64F-S (115 HP)		JS83F-S (115 HP)		JS84F-T (135 HP)		JS84F-T (135 HP)	
UNIT CAPACITY CONTROL	STANDARD	60 HZ	5 Steps		5 Steps		5 Steps		5 Steps		5 Steps		5 Steps	
		50 HZ	5 Steps		5 Steps		5 Steps		5 Steps		5 Steps		5 Steps	
	OPTIONAL	60 HZ	7 Steps		7 Steps		9 Steps		10 Steps		10 Steps		10 Steps	
		50 HZ	7 Steps		9 Steps		9 Steps		10 Steps		10 Steps		10 Steps	
CONDENSER - DWP 450 PSIG No. of Fans (36" Dia. Direct Drive)			8		8		8		8		8		8	
HP/KW EACH	60 HZ (1140 RPM)		3/2.4		3/2.4		3/2.4		3/2.4		3/2.4		3/2.4	
	50 HZ (950 RPM)		3/2.2		3/2.2		3/2.2		3/2.2		3/2.2		3/2.2	
CFM TOTAL		60 HZ	124,000		124,000		124,000		124,000		124,000		124,000	
		50 HZ	123,400		123,400		123,400		123,400		123,400		142,100	
COOLER - DUAL CIRCUITED DWP - 235 PSIG REF. SIDE, 150 PSIG WATER SIDE DIA x LENGTH			16" x 8'		16" x 8'		18" x 8'		20" x 8'		20" x 8'		20" x 8'	
WATER VOLUME			39		39		49		54		54		54	
GPM		MIN.	150		150		200		250		350		250	
		MAX.	640		640		722		803		803		803	
WEIGHT (LBS)	SHIPPING	CU/AL	14,160	14,190	14,190	14,250	14,980	15,270	15,470	15,665	15,875	15,880	16,260	16,260
		CU/CU	16,390	16,460	16,460	16,495	17,115	17,445	17,550	17,730	18,290	17,840	19,000	18,990
	OPERATING	CU/AL	14,550	14,580	14,850	14,640	15,440	15,730	15,960	16,155	16,365	16,370	16,750	16,750
		CU/CU	16,780	16,850	16,850	16,885	17,575	17,905	18,040	18,220	18,780	18,330	19,490	19,480
REFRIG. CHARGE (LBS. R-22)	60 HZ	SYS 1	124		124		139		139		145		145	
		SYS 2	132		140		140		156		156		162	
	50 HZ	SYS 1	120		130		139		139		139		145	
		SYS 2	136		136		136		156		156		162	

NOTES:

1. Clearances – Recommended YORK clearances to prevent condenser air recirculation and faulty operation of units are as follows:
Side to wall 8'-0"** Rear to wall 8'-0"** Control End to wall 5'-0"** Top 50'-0" Distance between adjacent units 12'-0"
Failure to heed recommended clearances may result in reduced system performance, nuisance shutdowns and servicing problems.
* No more than one wall can be higher than the top of the unit.
The area within the clearances shown above and area under the unit must be kept clear of all obstructions that would impede free air flow to the unit. In installations where winter operation is intended and snow accumulations are expected, additional unit height must be provided to insure full air flow.
2. Cooler liquid connection sizes (inlet & outlet) 8" victaulic for all models.
3. Drawings not to scale and are for planning purposes only. Refer to QMS drawings for most up-to-date dimensions.
4. Spring isolator (OPTIONAL) will increase overall height of unit by approx. 6".
5. Modules have 1-1/8" of space between to facilitate maintenance.