



Water Source Heat Pump Competitive Model Reference - Tonnage

	ClimateMaster		FHP (Bosch)		Johnson Controls		McQuay (Daiken)		Trane (Ingersoll-Rand)		Mammoth (CES/Nortek) ⁶		WaterFurnace		Zehnder-Rittling ⁷		Whalen								
	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons	Model No.	Tons							
Horizontal																									
Comm'l ultra hi effc, variable speed									VSVH	2, 3, 3.5, 4, 5			NVH (7 Series)	3, 4, 5											
Comm'l ultra hi effc, two-stage compr.	TTH	2, 3, 4, 5, 6	AP	2, 3, 4, 5, 6	RJTH	2, 3, 4, 5, 6	WGTH	2, 2.5, 3, 3.5, 4, 5, 6	TCT	2, 3, 4, 5, 6			NDH (5 Series)	2, 3, 4, 5, 6											
Comm'l ultra hi effc, single-spd			ES2	2, 3, 4, 5, 6	RKTH	2, 3, 4, 5, 6							NBH	2, 3, 4, 5, 6											
	TSH	0.5 - 6	ES	1.5 - 6	RJSH	0.75 - 6	WGSH	0.5 - 6	EXH	1.5 - 6	HHA / HLA	0.5 - 6	NSH (5 Series)	0.75 - 6											
			EP	0.5 - 6	RBSH	0.5 - 6							UBH	0.5 - 6											
					RKSH	0.75 - 6							NBH	0.75 - 6											
Comm'l hi effc, two-stage compr.	TYH	2, 2.5, 3, 3.5, 4, 5	LM	2 - 6					DXH	2, 3, 4, 5, 6			CAS				0.5 - 5								
Comm'l hi effc+, two-stage compr.	TZH	2, 2.5, 3, 3.5, 4, 5	LM	2 - 6					DXH	2, 3, 4, 5, 6															
Comm'l compact series	TCH	0.5 - 5	EC	0.5 - 6	RSH	0.5 - 6	WCCH / WCCW	0.5 - 6	GEH	0.6 - 5	HHU / HLU	0.75 - 6													
Comm'l compact+ series	TRH	0.5 - 5	LV	0.5 - 6	RGSH	0.75 - 6					HHU / HLU	0.75 - 6						USH	0.75 - 6						
Comm'l compact belt drive series	TCH	6 - 10	EC	6 - 10																					
Comm'l belt drive 2 CKT large tonnage			EC	12 - 20	RLH	7 - 10	WCCH / WCCW	6 - 10	GEH	6 - 15								NLH / NXH	7 - 10						
Comm'l hi-eff, 2 CKT (lead compr digital scroll), high s.p, VAV											HHM / HLM	7 - 12													
Vertical																									
Comm'l ultra hi effc, variable speed							DFW	3,4	VSVE	2, 3, 3.5, 4, 5								NVV (7 Series)	3, 4, 5						
Comm'l Hospital room, 2 stage											VHB	2 - 6													
Comm'l ultra hi effc, two-stage compr.	TTV / TTD	2, 3, 4, 5, 6	AP	2, 3, 4, 5, 6	RJTV	2, 3, 4, 5, 6	WGTV	2, 2.5, 3, 3.5, 4, 5, 6	TCT	2 - 6								NDV (5 Series)	2, 3, 4, 5, 6						
Comm'l ultra hi effc, single-spd			ES2	2, 3, 4, 5, 6	RKTV	2, 3, 4, 5, 6												NBV	2, 3, 4, 5, 6						
	TSV / TSD	0.5 - 6	ES	1.5 - 6	RJSV	0.75 - 6	WGSV	0.5 - 6	EXV	1.5 - 6	VHA / VLA	1 - 6						NSV (5 Series)	0.75 - 6						
			EP	0.5 - 6	RBSV	0.5 - 6	WVFC / WVFW	0.75 - 6										UBV	0.5 - 6						
					RKSV	0.75 - 6												NBV	0.75 - 6						
Comm'l hi effc, two-stage compr.	TYV	2, 2.5, 3, 3.5, 4, 5	LM	2 - 6					DXV	2, 3, 4, 5, 6			CAS				0.5 - 5								
Comm'l hi effc+, two-stage compr.	TZV	2, 2.5, 3, 3.5, 4, 5	LM	2 - 6					DXV	2, 3, 4, 5, 6															
Comm'l compact series	TCV	0.5 - 5	EC	0.5 - 6	RSV	0.5 - 6					GEV	0.5 - 5						VHU / VLU	1 - 6						
Comm'l compact+ series	TRV	0.5 - 5	LV	0.5 - 6	RGSV	0.75 - 6												VHU / VLU	1 - 6	USV	0.75 - 6				
Comm'l compact belt drive 2 CKT large tonnage	TCV	6 - 25	EC	6 - 30	RLV	7 - 25	WLVC / WLWV	6 - 25	GEV	6 - 25								NLV / NXV	7 - 25						
Comm'l belt drive 2 CKT large tonnage, large footprint	TLV	7 - 25																							
Comm'l hi-eff, 2-4 CKT (lead compr digital scroll), high s.p., VAV			MC	30 - 60							VHM / VLM	7 - 24													
Vertical HI-Rise (Stack)																									
Vertical Stack	TSM	0.75 - 3			V/B/M/S:VSCS		0.75 - 3	WVHC / F	0.75 - 3	GET	0.75 - 3			VS	0.75 - 3	VI / VP	0.5 - 3								
	TSL	0.75 - 3																							
Console																									
Standard floor model	IRC	0.5 - 1.5	CA	0.75 - 1.5	RC	0.75 - 1.5	WMHC / WMHW	0.5 - 1.5	GEC	0.5 - 1.5			NC	0.75 - 1.5											
Low sill model													LC	0.75 - 1.0											
Rooftop																									
Rooftop Unit	TRE	3 - 20	TRS	3 - 35			WRW / WRG	12 - 35	GER	3 - 25															
			RT (w ERV)	4 - 30																					
Water-to-Water																									
Comm'l small-mid capacity	TMW	3, 5, 10	WT	2 - 6			WWRA / HA / CA	3 - 35					NSW	1.5, 2, 3.5, 4, 5, 6											
Comm'l large capacity	TMW	14, 28	WW 1	2, 3, 4, 5, 6, 10, 15, 17.5			WWRA / HA / CA	3 - 35	EXW	5, 10, 20	WHK / WLK	5, 10, 14, 20, 30, 40	NDW	8, 10, 12.5, 15											
	TMW	30, 50, 70	WW 2	20, 30, 35	RWXW	8 - 45							NXW	8 - 45											

This chart lists major commercial water source heat pump competitors, the equivalent model numbers and size ranges. All models R410A. Rev 060214-1

1. Competitive models reviewed for EER and options and presented as best guideline fit. Note: If they are basis of design some models are higher in efficiency or features than us....best for you to be basis of design!
2. FHP ES2 sizes in MBH to differentiate ES2 model, vrs ES models
3. Leading "W" on McQuay models simply indicates Water Source Heat Pump Category per Catalogues-often times this W left off on mechanical drawing schedules
4. Water Furnace Envision2 - NDH&V is ultra high efficiency with ECM motor single speed and has two stage models as well; model NBH&V similar
5. We believe JCI complete line of WSHPs are nameplated Water Furnace with exception of entry model RSH& RSV series