

Physical Data and Ratings

REFRIGERANT R-410A	YLAA								
	HIGH EFFICIENCY UNITS								
	0195HE	0221HE	0261HE	0301HE	0350HE	0391HE	0442HE	0457HE	0517HE
GENERAL UNIT DATA									
Nominal Cooling Capacity Kw	199	212	249	296	344.6	380.5	427.3	456.9	520.6
Total Power Input Kw	63.5	65.5	80.0	98.0	115.3	127.3	143.0	155.1	174.7
COP	3.13	3.24	3.11	3.02	2.99	2.99	2.99	2.95	2.98
Length (mm)	2911	2911	2911	3690	3690	3690	4807	4807	4807
Width (mm)	2242	2242	2242	2242	2242	2242	2242	2242	2242
Height (mm)	2393	2393	2393	2393	2393	2393	2393	2393	2393
Number Of Refrigerant Circuits	2	2	2	2	2	2	2	2	2
Refrigerant Charge, R-410A, Circuit 1/Circuit 2, Kg	24/17	25/23	25/25	25/28	29/27	33/28	38/28	37/35	40/39
Oil Charge, Circuit 1/Circuit 2, Liters	9/6	9/6	9/9	9/11	11/11	16/9	16/11	16/16	16/16
Shipping Weight (Kg)	1681	1696	1818	2087	2301	2392	3294	3443	3561
Operating Weight (Kg)	1706	1721	1851	2120	2339	2442	3343	3481	3615
COMPRESSORS, SCROLL TYPE									
Compressors Per Circuit	3/2	3/2	3/3	3/2	2/2	3/3	3/2	3/3	3/3
CONDENSER									
Total Face Area m ²	7.4	10	10	12.6	15.1	15.1	17.6	20.1	20.1
Number Of Rows	1	1	1	1	1	1	1	1	1
CONDENSER FANS									
Number Of Fans, Circuit 1/ Circuit 2	2/2	2/2	2/2	2/3	3/3	4/2	4/3	4/4	4/4
Fan HP	2	2	2	2	2	2	2	2	2
Fan RPM	950	950	950	950	950	950	950	950	950
Total Chiller m ³ /s	20	28	28	35	43	43	50	57	57
EVAPORATOR									
Water Volume, Liters	25.4	25.4	33.3	33.3	37.9	50	50	37.9	54
Maximum Water Side Pressure, Bar	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
Maximum Refrigerant Side Pressure, Bar	31	31	31	31	31	31	31	31	31
Water Connections Size, Inch	3	3	3	3	3	3	4	4	4

NOTES:

1. Rating conditions at AHRI 551/591 Standard conditions with ambient temperature of 35°C and a leaving chilled water temperature of 7°C.
2. COP = Chiller COP (includes power from compressors, fans, and the control panels).
3. Performance data provided in this document was created in accordance with Johnson Controls software: YorkWORKS version 15.03a.
4. Additional rating information can be provided by your local Johnson Controls Sales Office.