

IMS Hydra Air Cooled Chillers (continued)

Standard Features:

- **Nonferrous construction** - includes reservoir, evaporator, pump and piping to resist corrosion
- **Air-cooled condenser** - generously sized for industrial environments with ambient temp up to 115° F
- **Removable side panel** - allows easy access to interior components



- **Internal insulated polyethylene reservoir** - with removable top.
- **Process Y-strainer** - protects the evaporator from contaminants in the water
- **Evaporator freeze-up protection**
- **Heavy gauge steel cabinet**
- **Casters standard on all sizes**
- **Refrigerant: R407C (EQ Series) R410A (NQ Series)**

Mechanical Features:

- **Scroll compressor(s)** - energy efficient and reliable
- **Stainless steel brazed plate evaporator** - higher heat transfer coefficients due to reduced fouling
- **Generously sized copper tube/aluminum finned air-cooled condensers** - designed for industrial environments (includes air inlet filters)
- **Electronic hot gas bypass** - handles varying load conditions
- **Stainless steel process pump with pressure gauge**
- **Freezestat safety switch with solid state sensor**
- **Refrigerant TXV, filter/drier and sight glass**
- **Encapsulated high and low refrigerant pressure safeties**

EQ Series Chillers (Set Point Range: 20°-65° F)

Cooling Capacity	IMS Item #		AMPS		Tank (GAL)	Pump HP	Flow (GPM)	PSI	In/Out NPT	Dimensions (inches)			Weight (LBS)	Unit Price
	230/60/3	460/60/3	230V	460V						L	W	H		
1 Ton	149619*	NA	12	N/A	3	1/4	2	80	1"	34	19	28	255	\$5,040
2 Ton	149620	149621	18	9	11	1	5	39	1"	40	24	42	423	6,800
3 Ton	149622	150186	24	12	11	1	7	38	1"	40	24	42	430	8,290

*230/60/1

NQ Series Chillers (Set Point Range: 20°-80° F)

Cooling Capacity	IMS Item #		AMPS		Tank (GAL)	Pump HP	Flow (GPM)	PSI	In/Out NPT	Dimensions (inches)			Weight (LBS)	Unit Price
	230/60/3	460/60/3	230V	460V						L	W	H		
4.4 Ton	168453	168454	31.2	15.6	11	1 1/2	11	35	1 1/2"	48	35	61	720	\$ 9,075
5.1 Ton	168455	168456	32.8	16.4	11	1 1/2	12	36	1 1/2"	48	35	61	720	10,370
7.8 Ton	168457	168458	52.2	26.1	22	1 1/2	19	35	1 1/2"	75	35	61	1195	11,555
11 Ton	168459	168460	61.8	30.9	22	1 1/2	27	30	1 1/2"	75	35	61	1195	13,045
12.5 T	168461	168462	36.5	36.5	22	1 1/2	30	28	1 1/2"	75	35	61	1215	15,650
14.9 T	168463*	168464	88.6	44.3	50	3	36	48	2"	87	41	94	3200	18,420*
20.9 T	168465*	168466	111	55.5	50	3	48	39	2"	87	41	94	3300	21,995*
25.6 T	168467†	168468	140	70	67	5	60	58	2"	105	41	94	3800	29,900†
30.6 T	168469‡	168470	166.2	83.1	67	5	72	55	2"	105	41	94	4150	31,625‡

*230V: \$165 upcharge *230V: \$220 upcharge †230V: \$320 upcharge ‡230V: \$525 upcharge

Inquire about Water Cooled Chillers, Remote Condensers and Tankless Chillers

Optional Accessories

S = Standard O = Optional NA = Not Available

Description	EQ	NQ	Description	EQ	NQ
Alarm Horn and Silence Switch	O	S	Low Water Level Light	O	S
Automatic Water Makeup & Low Level Light	O	O	Remote Alarm Dry Contact	O	NA
Extend Set Point Range to 80° F (1-3 Ton)	O	S	Remote On/Off Contacts	O	O
Extend Set Point Range to 80° F (5.5 Ton)	O	S	Return Water Temperature Display	O	S
Hand Held Remote with 50' cable	O	O	Special Color Air Dry Enamel Paint	O	O
SPI Communications Port	O	O	3-Phase Monitor	O	S
Inlet Air Filter (for #149622 and #150186)	S	S	575 volt add	O	O

C2: Production Equipment