

Model #: SAC086-3BG06-F2ANKA-A012A A E--  
Serial #: FF0010L133Q1914

Year: 2016  
Size: 250 Tons



## **T<sup>A</sup>-CLASS AIR-COOLED CHILLERS** *Installation, Operation and Maintenance Manual (Kiltech)*



Shipping Weight: 16,392 lbs.  
Operating Weight: 16,976 lbs.

L: 23' 8" W: 7' 8" H: 8' 4"

**SMARTD**



## 5 NAMEPLATE INFORMATION

Each Smardt chiller displays important information on nameplates, which you will find in a number of locations on the equipment.

### 5.1 Chiller Nameplate

The chiller nameplate is located on the outside of the electrical control cabinet and details both the chiller model and unique serial number, both of which should be used to identify the chiller for service, parts and warranty enquiries. The nameplate could appear on the side panel (shown) or on the front panel of the control cabinet. This nameplate also displays the running conditions and refrigerant charge for the chiller design.

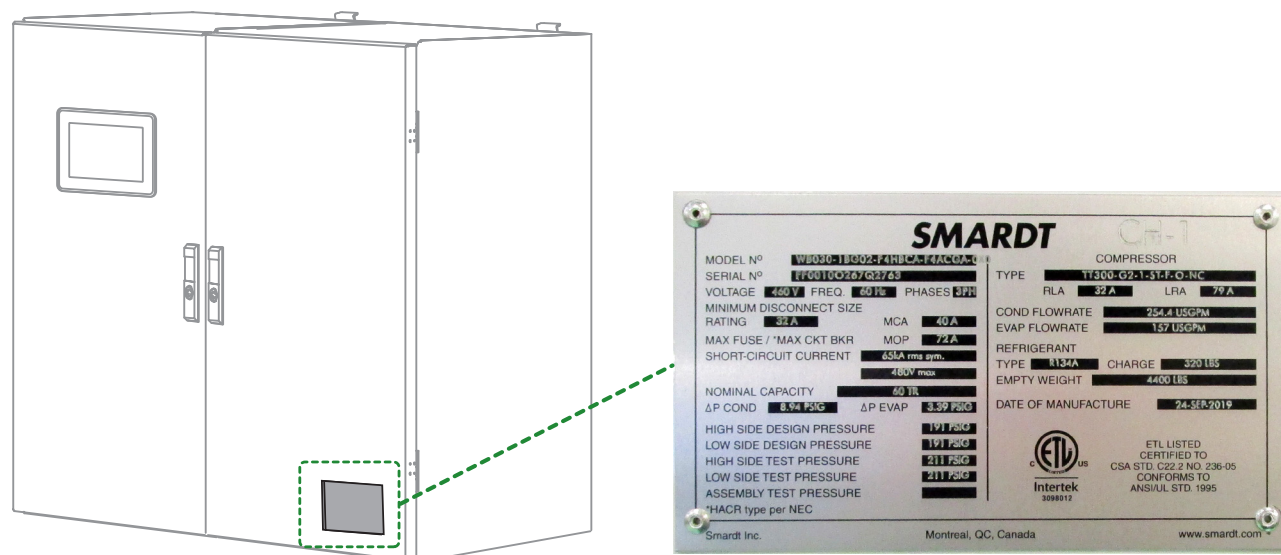


Figure 6: Electrical Cabinet and Chiller Nameplate

## 5.2 Chiller Nomenclature

The chiller model number code (found on the chiller nameplate) is comprised of numbers and letters that are arranged to provide a detailed summary of the chiller configuration as illustrated below.

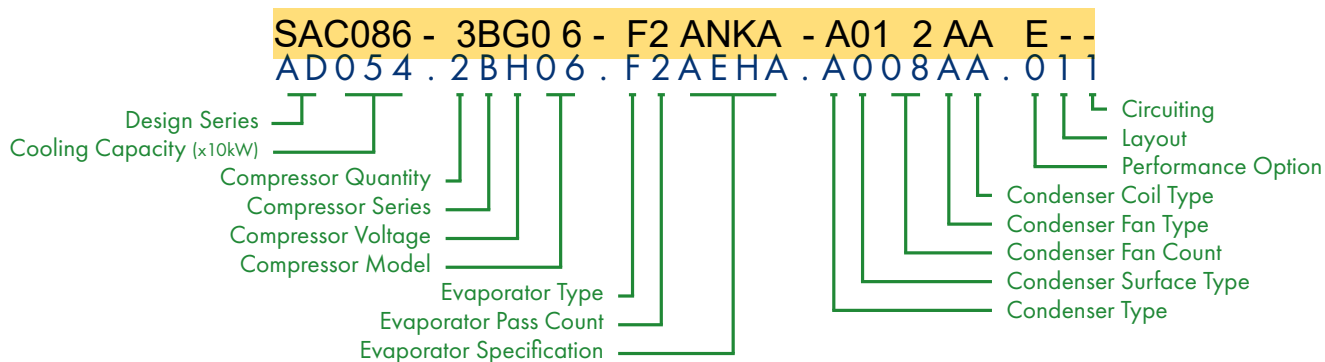
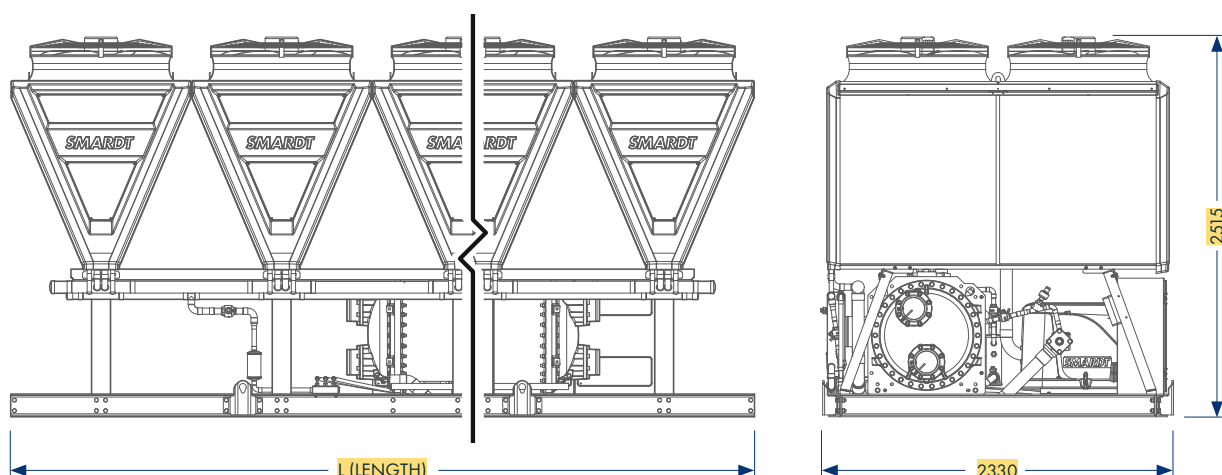


Figure 7: Chiller Nomenclature



## PHYSICAL DATA

**SMARTD**



BASE MODEL	FAN QTY	OVERALL LENGTH 'L' (mm)	OPERATING WEIGHT (kg)	SHIPPING WEIGHT (kg)
AD028.1B	4	2400	3205	3080
	6	3600	3765	3645
	8	4800	4870	4700
AD040.1E	6	3600	4305	4135
	8	4800	4870	4700
	10	6000	5515	5345
AD054.2B	8	4800	5415	5245
	10	6000	6060	5890
	12	7200	6620	6450
AD065.2E	10	6000	6535	6315
	12	7200	7095	6880
	14	8400	7660	7445
AD080.2E	12	7200	7240	7005
	14	8400	7800	7570
	16	9600	8365	8130
<b>AD086.3B</b>	<b>12</b>	<b>7200</b>	<b>7700</b>	<b>7435</b>
	14	8400	8265	8000
	16	9600	8825	8560
AD110.4B*	16 (8+8)	9600 (4800+4800)	10790 (5505+5285)	10435 (5320+5115)
	20 (10+10)	12000 (6000+6000)	11920 (6635+6415)	11565 (6450+6245)
	24 (12+12)	14400 (7200+7200)	13050 (7765+7545)	12695 (7580+7375)
AD120.3E	16	9600	9475	9150
	18	10800	10040	9715
AD150.4E*	20 (10+10)	12000 (6000+6000)	12980 (6555+6425)	12480 (6305+6175)
	24 (12+12)	14400 (7200+7200)	14110 (7685+7555)	13610 (7435+7305)
	28 (14+14)	16800 (8400+8400)	15240 (8815+8685)	14740 (8565+8435)
AD160.4E*	24 (12+12)	14400 (7200+7200)	14440 (7285+7155)	13920 (7025+6895)
	28 (14+14)	16800 (8400+8400)	15570 (8415+8285)	15050 (8155+8025)
	32 (16+16)	19200 (9600+9600)	16700 (9545+9415)	16180 (9285+9155)

\* Dual circuit chillers, shipped in two sections.