SAMSUNG DVM Chiller

# Compromise no more.

By combining the benefits of chiller and VRF technology, the DVM Chiller provides performance, efficiency and incredible space savings.



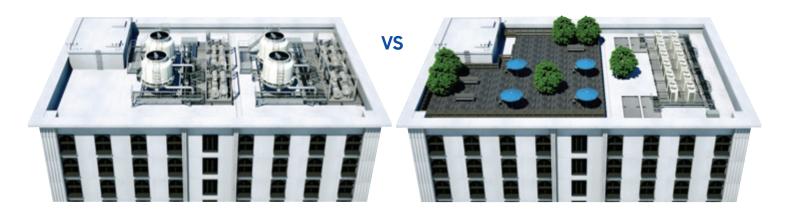


# The ultimate combination of VRF and Chiller technologies.

So what exactly is a VRF system? Glad you asked.

Variable Refrigerant Flow (VRF) systems consist of outdoor units connected to multiple indoor units via refrigerant piping to provide cooling and heating to individual zones. The outdoor units can modulate capacity based on the requirements of the individual zones, thus saving energy by not always running at 100% capacity and improving occupant comfort by maintaining temperature as needed in each individual zone.

The DVM Chiller works in a similar way, except it's connected to multiple third-party Fan Coil Units (indoor units) via water piping to provide cooling and heating to individual zones. Like VRF outdoor units, the DVM Chiller can modulate its capacity depending on the requirements of the various zones, which saves energy and improves occupant comfort.





49% space saving\*

### **DVM Chiller**



- Heat Pump models
- 208-230V / 60Hz / 3 Ø or 460V / 60Hz / 3 Ø
- 10 and 15 ton modules
- Connect up to 16 units for system capacities up to 240 tons
- Outdoor unit static pressure up to 0.32" WC
- Water temperature ranges
  - Cooling: 41°F 77°F (5°C 25°C) as standard, 14°F 77°F (-10°C 25°C)\*
  - Heating: 77°F 131°F (25°C 55°C)\*\*

#### **Modular Design and Compact Size**

Easy to combine and fit multiple units even when space is limited. It's compact size reduces the time, cost and effort to transport, move and install a system.

• Dimensions: 71"L x 30"W x 67"H per module

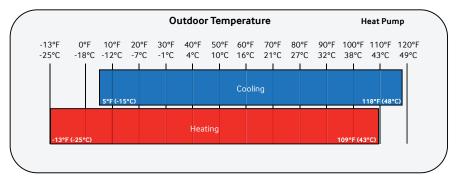
• Weight: 959 lbs. per module





#### **Wide Temperature Range**

- Cooling operation outdoor temperature range from 5°F (-15°C) to 118°F (48°C)
- Heating operation outdoor temperature range from -13°F (-25°C) to 108°F (43°C)



Please refer to the Technical Data Book and installation manual for full details of operating ranges. Optional settings to automatically adjust leaving water temperature based on outdoor ambient temperature or indoor ambient temperature.

#### **Operation Patterns**

The DVM Chiller features three operational patterns. Patterns include standard, rotation and efficiency.

#### Flash Injection Technology

The DVM Chiller features flash injection compressor technology that increases heating performance with a two-phase refrigerant that is activated during heating mode in low ambient conditions.

## **Controls and Accessories**

#### (sold separately)

Optional Fan Coil Unit (FCU) Control Kits and Fan Coil Interface Modules are available to control and integrate third-party fan coil units to Samsung central and local controls.



MCM-A00UN



MIM-FOON



MIM-F10N

#### Module Controller

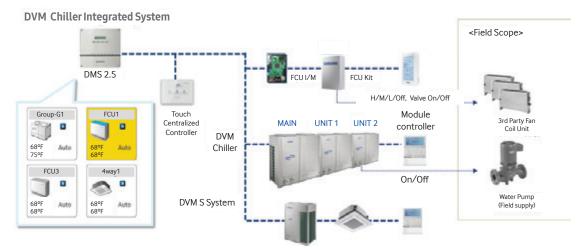
- Required to operate the DVM Chiller
- DVM Chiller ON/OFF control (module/group)
- Operation mode, water outlet temperature setting
- Optional operation setting, module/group setting
- Weekly operation schedule setting

#### **FCU Control Kit**

- Communication and control interfacing kit between 3rd party fan coil unit and Samsung control system
- Requires MIM-F10N Interface Module
- Compatible with MWR-SH11UN, MWR-WE13UN and MWR-WG00UN wired controllers
- Provides external contact input
- Output control signal for fan coil unit fan/water valve

#### **FCU Interface Module**

- Communication interface module between FCU Control Kit and upper-level controller
- Used with MIM-F00N FCU Control Kits
- Supports FCU Kit only
- Maximum connection of 16 FCU Control Kits



## **Central Controls**

Samsung's Data Management Server (DMS) lets you monitor and control your on-site air conditioning needs remotely. It's the easiest and most convenient way to manage a large number of air conditioning units at once.

#### DMS 2.5:

- 24-hour standalone web-server
- No special software required
- All management functions integrated
- Heat pump auto changeover logic
- DMS 2.5 + BACnet and LonWorks available
- BACnet and LonWorks gateways will wire and setup the same as DMS 2.5

Additional control options available. Please refer to SamsungHVAC.com for all control options, features and specifications.



DMS 2.5 MIM-D01AUN





## **DVM Chiller**

#### SPECIFICATIONS - 120,000 | 168,000 | 120,000

DIMENSIONS   STANDARD   STANDAR	MODEL	OUTDOOR U	NIT		AG010KSVAFH/AA	AG015KSVAFH/AA	AG010KSVAJH/AA
COOLING	TONS	NOMINAL			10	15	10
CAPACITY   A70,43.0°F,   LEAVING TEMPERATURE-120.0°F (48.9°C)   120,000 Btu/h   171,000 Btu/h   120,000 Btu/	PERFORMANCE	CAPACITY	COOLING	ENTERING TEMPERATURE: 54.0°F (12.2°C)	120,000 Btu/h	168,000 Btu/h	120,000 Btu/h
CAPACITY   R.3/A:PC				LEAVING TEMPERATURE: 105.0°F (40.5°C)	128,000 Btu/h	182,000 Btu/h	128,000 Btu/h
CONTRIBUTE   COOLING   STANDARD   WITH COURS   SUPPRESSION   SUPPRESSI			47.0/43.0°F,	LEAVING TEMPERATURE: 120.0°F (48.9°C)	120,000 Btu/h	171,000 Btu/h	120,000 Btu/h
PERFORMANCE   1720/15.0°F,   183/6-94°C    180,000 Btu/h   85,000 Btu/h   80,000 Btu/h   80,00				LEAVING TEMPERATURE: 105.0°F (40.5°C)	84,000 Btu/h	90,000 Btu/h	84,000 Btu/h
HEATING   HEATING   LEAVING TEMPERATURE: 105.0°F (40.5°C)   3.84   3.52   3.84   3.55   3.5			17.0/15.0°F,	LEAVING TEMPERATURE: 120.0°F (48.9°C)	80,000 Btu/h	85,000 Btu/h	80,000 Btu/h
ORF/WETBULE		EER			11.20	10.10	11.20
A70/43.0°F,   LEAVING TEMPERATURE: 120.0°F (48.9°C)   3.05   2.87   3.05   2.87   3.05   2.87   3.05   3.76°C   1.82°C				LEAVING TEMPERATURE: 105.0°F (40.5°C)	3.84	3.52	3.84
HEATING (IORY/WETBULB: 170/15.0°F;   LEAVING TEMPERATURE: 120.0°F (48.9°C)   1.85   1.90   1.80   1.90   1.90   1.85   1.90   1.90   1.80   1.90   1.90   1.90   1.90   1.90   1.85   1.90		con	47.0/43.0°F,	LEAVING TEMPERATURE: 120.0°F (48.9°C)	3.05	2.87	3.05
170/15.0°F,		COP		LEAVING TEMPERATURE: 105.0°F (40.5°C)	2.20	2.20	2.20
VOLTAGE			17.0/15.0°F,	LEAVING TEMPERATURE: 120.0°F (48.9°C)	1.85	1.90	1.85
POWER   MAX. BREAKER   70.0 A   90.0 A   30.0 A   30.0 A   24.0 A   52.0 A   70.0 A   24.0		IPLV			20.50	18.80	20.50
MIN. CIRCUIT AMPACITY   52.0 A 70.0 A 24.0 A		VOLTAGE		ø/V/Hz	3 / 208 - 230 / 60	3 / 208 - 230 / 60	3 / 460 / 60
DIMENSIONS   WX H X D   WEIGHT   WEIG	POWER	MAX. BREAK	ER		70.0 A	90.0 A	30.0 A
SOUND PRESSURE LEVEL   OUTDOOR   STANDARD   41.0 - 77.0°F (5.0 - 25.0°C)   41.0 - 77.0°F (5		MIN. CIRCUIT AMPACITY			52.0 A	70.0 A	24.0 A
SOUND PRESSURE LEVEL OUTDOOR  60 dB(A) 62 dB(A) 60 dB(A)  60 dB(A)		WXHXD			70 11/16 X 66 3/4 X 30 1/8 in.	70 11/16 X 66 3/4 X 30 1/8 in.	70 11/16 X 66 3/4 X 30 1/8 in.
OPERATING WATER TEMPERATURE    COOLING   STANDARD   41.0 - 77.0°F (5.0 - 25.0°C)   14.0 - 77.0°F (5.0 - 25.0°C)   14.0 - 77.0°F (-10.0 - 25.0°C)   17.0 - 131.0°F (25.0 - 55.0°C)   77.0 - 131.0°F (25.0 - 5	DIMENSIONS	WEIGHT			959 lbs.	959 lbs.	959 lbs.
OPERATING WATER TEMPERATURE         COOLING HEATING         WHEN USING BRINE         14.0 - 77.0°F (-10.0 - 25.0°C)         17.0 - 131.0°F (25.0 - 55.0°C)         77.0 - 131.0°F (25.0 - 55.0°C)         5.0 - 118.0°F (-15.0 - 47.8°C)         5.0 - 118.0°F (-15.0 - 47.8°C)         5.0 - 118.0°F (-15.0 - 47.8°C)	SOUND PRESSURE LEVEL	OUTDOOR			60 dB(A)	62 dB(A)	60 dB(A)
TEMPERATURE    14.0 - 7/.0°F (-10.0 - 25.0°C)   77.0 - 131.0°F (25.0 - 55.0°C)   77.0 - 131.0°F (25.0 - 47.8°C)   5.0 - 118.0°F (-15.0 - 47.8°C)   7.0 - 12.0°C   7.0 -		STANDARD			41.0 - 77.0°F (5.0 - 25.0°C)	41.0 - 77.0°F (5.0 - 25.0°C)	41.0 - 77.0°F (5.0 - 25.0°C)
OPERATING AMBIENT TEMPERATURE         COOLING         5.0 - 118.0°F (-15.0 - 47.8°C)         -13.0 - 109.0°F (-25.0 - 42.8°C)         -		WHEN USING BRINE					14.0 - 77.0°F (-10.0 - 25.0°C)
CONNECTION TYPE   SOA CUt Groove   SOA		HEATING			77.0 - 131.0°F (25.0 - 55.0°C)	77.0 - 131.0°F (25.0 - 55.0°C)	77.0 - 131.0°F (25.0 - 55.0°C)
CONNECTION TYPE   50A Cut Groove   50A Cut Groove   2		COOLING					5.0 - 118.0°F (-15.0 - 47.8°C)
QUANTITY   2 2 2 2 2 2   2   2   2   2   2   2	TEMPERATURE	HEATING			-13.0 -109.0°F (-25.0 - 42.8°C)	-13.0 -109.0°F (-25.0 - 42.8°C)	-13.0 -109.0°F (-25.0 - 42.8°C)
WATER SIDE HEAT EXCHANGER WATER FLOW (GPM) (COOLING / HEATING) MIN. 15.8/15.8 16.8/16.8 16.8/16.8 16.8 16.8/16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.		CONNECTION TYPE			50A Cut Groove	50A Cut Groove	50A Cut Groove
EXCHANGER  WATER FLOW (GPM) (COOLING / HEATING)  NOMINAL 24.0 / 24.0  48.0 / 48.0  MAX.  48.0 / 48.0  67.2 / 67.2  48.0 / 48.0  MAX.  72 gal.  100.8 gal.  72 gal.  R410A  R410A		QUANTITY					
(COOLING / HEATING)  MAX. 48.0 / 48.0 67.2 / 67.2 48.0 / 48.0  MIN. WATER SYSTEM VALUE 72 gal. 100.8 gal. 72 gal.  TYPE R410A R410A R410A		WATER FLOW (GPM)					
MIN. WATER SYSTEM VALUE         72 gal.         100.8 gal.         72 gal.           REFRIGERANT             TYPE         R410A         R410A         R410A		(COOLING / HEATING) NOMINAL					
REFRIGERANT TYPE R410A R410A R410A		MIN. WATER	SYSTEM VALUE	Pina			
REFRIGERANT							-
	REFRIGERANT FACTORY CHARGE				40 lbs.	40 lbs.	40 lbs.
	COMPRESSOR		7.11.02				Inverter Driven Scroll (2)
TYPE Propeller(2) Propeller(2) Propeller(2)	CONDENSER FAN		TVDF		Propeller (2)	Propeller(2)	Propeller(2)
FAN CFM (MAX.) 12,855 12,855 12,855		FAN					
CONDENSER FAN TYPE BLDC BLDC BLDC BLDC		MOTOR			BLDC	BLDC	BLDC
001P01 030 W X Z 030 W X Z 030 W X Z							
MAX. EXTERNAL STATIC PRESSURE 0.32 in. WC 0.32 in. WC 0.32 in. WC		MAX. EXTER	NAL STATIC PRESSURE		0.32 in. WC	0.32 in. WC	0.32 in. WC
FAN COIL UNIT (FCU) CONTROL KIT MIM-FOON MIM-FOON MIM-FOON		FAN COIL UNIT (FCU) CONTROL KIT			MIM-F00N	MIM-F00N	MIM-F00N
ACCESSORIES FAN COIL UNIT (FCU) INTERFACE MODULE MIM-F10N MIM-F10N MIM-F10N	ACCESSORIES	FAN COIL UN	IIT (FCU) INTERFACE MC	DULE	MIM-F10N	MIM-F10N	MIM-F10N
WIRED CONTROLLER MCM-A00UN MCM-A00UN MCM-A00UN	ACCESSORIES				MCM ADDING	MCM ADDING	MCM ADDING





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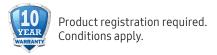
DVM Chiller design software is available at <u>www.samsunghvac.com</u>.

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

## **DVM Chiller**

#### SPECIFICATIONS - 168,000

MODEL	OUTDOOR U	INIT	AG015KSVAJH/AA	
TONS	NOMINAL		15	
PERFORMANCE		COOLING	AMBIENT: 95.0°F (35.0°C) ENTERING TEMPERATURE: 54.0°F (12.2°C) LEAVING TEMPERATURE: 44.0°F (6.6°C)	168,000 Btu/h
		HEATING	LEAVING TEMPERATURE: 105.0°F (40.5°C)	182,000 Btu/h
	CAPACITY	(DRY / WETBULB: 47.0/43.0°F, 8.3/6.1°C)	LEAVING TEMPERATURE: 120.0°F (48.9°C)	171,000 Btu/h
		HEATING	LEAVING TEMPERATURE: 105.0°F (40.5°C)	90,000 Btu/h
		(DRY / WET BULB: 17.0/15.0°F, -8.3/-9.4°C)	LEAVING TEMPERATURE: 120.0°F (48.9°C)	85,000 Btu/h
	EER			10.10
		HEATING	LEAVING TEMPERATURE: 105.0°F (40.5°C)	3.52
		(DRY / WET BULB: 47.0/43.0°F, 8.3/6.1°C)	LEAVING TEMPERATURE: 120.0°F (48.9°C)	2.87
	СОР	HEATING	LEAVING TEMPERATURE: 105.0°F (40.5°C)	2.20
		(DRY / WET BULB: 17.0/15.0°F, -8.3/-9.4°C)	LEAVING TEMPERATURE: 120.0°F (48.9°C)	1.90
	IPLV			18.80
	VOLTAGE		ø/V/Hz	3/460/60
POWER	MAX. BREAK	(ER	D/ V/112	50.0 A
	MIN. CIRCUI			40.0 A
DIMENSIONS	W X H X D WEIGHT		70 11/16 X 66 3/4 X 30 1/8 in.	
	WEIGHT			959 lbs.
SOUND PRESSURE LEVEL	OUTDOOR		62 dB(A)	
OPERATING WATER TEMPERATURE	6001 ING	STANDARD	41.0 - 77.0°F (5.0 - 25.0°C)	
	COOLING	WHEN USING BRINE	14.0 - 77.0°F (-10.0 - 25.0°C)	
TEMPERATURE		WHEN USING BRINE		
TEMPERATURE	HEATING	WHEN USING BRINE		77.0 - 131.0°F (25.0 - 55.0°C)
	HEATING	WHEN USING BRINE		
OPERATING AMBIENT TEMPERATURE		WHEN USING BRINE		77.0 -131.0°F (25.0 - 55.0°C) 5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)
OPERATING AMBIENT	HEATING COOLING HEATING			5.0 - 118.0°F (-15.0 - 47.8°C) -13.0 - 109.0°F (-25.0 - 42.8°C)
OPERATING AMBIENT	HEATING COOLING HEATING CONNECTIO			5.0 - 118.0°F (-15.0 - 47.8°C) -13.0 - 109.0°F (-25.0 - 42.8°C) 50A Cut Groove
OPERATING AMBIENT TEMPERATURE	COOLING HEATING CONNECTIO QUANTITY	N TYPE	MIN	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C) 50A Cut Groove 2
OPERATING AMBIENT	COOLING HEATING CONNECTIO QUANTITY WATER FLOX	N TYPE	MIN. NOMINAL	5.0 - 118.0°F (-15.0 - 47.8°C) -13.0 - 109.0°F (-25.0 - 42.8°C) 50A Cut Groove 2 16.8 / 16.8
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT	COOLING HEATING CONNECTIO QUANTITY	N TYPE	MIN. NOMINAL MAX.	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C) 50A Cut Groove 2
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOV (COOLING)	N TYPE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C) 50A Cut Groove 2 16.8 / 16.8 33.6 / 33.6
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOV (COOLING /	N TYPE N (GPM) HEATING)	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOV (COOLING / MIN. WATER	N TYPE  N (GPM) HEATING) SYSTEM VALUE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 /16.8 33.6 / 33.6 67.2 / 67.2
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT	HEATING  COOLING HEATING  CONNECTIO QUANTITY  WATER FLOI (COOLING / MIN. WATER  TYPE FACTORY CH	N TYPE  N (GPM) HEATING) SYSTEM VALUE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.
OPERATING AMBIENT TEMPERATURE WATER SIDE HEAT EXCHANGER	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOV (COOLING / MIN. WATER	N TYPE  N (GPM) HEATING) SYSTEM VALUE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 /16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOY (COOLING / MIN. WATER  TYPE FACTORY CH	N TYPE  N (GPM) HEATING) SYSTEM VALUE  MARGE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 /16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT  COMPRESSOR	HEATING  COOLING HEATING  CONNECTIO QUANTITY  WATER FLOI (COOLING / MIN. WATER  TYPE FACTORY CH	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.)	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 /16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOY (COOLING / MIN. WATER  TYPE FACTORY CH	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.) TYPE	NOMINAL	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855 BLDC
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT  COMPRESSOR	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOY (COOLING / MIN. WATER  TYPE FACTORY CF	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.) TYPE OUTPUT	NOMINAL MAX.	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove  2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855 BLDC 630 W X 2
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT  COMPRESSOR	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOY (COOLING / MIN. WATER  TYPE FACTORY CF	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.) TYPE	NOMINAL MAX.	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855 BLDC
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT  COMPRESSOR	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOI (COOLING / MIN. WATER  TYPE FACTORY CH  TYPE  FAN  MOTOR MAX. EXTER	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.) TYPE OUTPUT	NOMINAL MAX.	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove  2 16.8 / 16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855 BLDC 630 W X 2
OPERATING AMBIENT TEMPERATURE  WATER SIDE HEAT EXCHANGER  REFRIGERANT  COMPRESSOR	HEATING  COOLING HEATING  CONNECTIO QUANTITY WATER FLOY (COOLING / MIN. WATER  TYPE FACTORY CH  TYPE  FAN  MOTOR MAX. EXTER  FAN COIL UN	N TYPE  N (GPM) HEATING) SYSTEM VALUE  HARGE  TYPE CFM (MAX.) TYPE OUTPUT NAL STATIC PRESSURE	NOMINAL MAX.	5.0 -118.0°F (-15.0 - 47.8°C) -13.0 -109.0°F (-25.0 - 42.8°C)  50A Cut Groove 2 16.8 /16.8 33.6 / 33.6 67.2 / 67.2 100.8 gal.  R410A 40 lbs.  Inverter Driven Scroll (2)  Propeller (2) 12,855 BLDC 630 W X 2 0.32 in. WC





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 ${\sf DVM\ Chiller\ design\ software\ is\ available\ at\ \underline{www.samsunghvac.com}}.$ 

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