



GMV5 VRF System Guide



MECHANICAL &
HVAC SALES
COMFORT BY DESIGN

Seattle Office | (206) 767-2600
Portland Office | (503) 238-6900
Spokane Office | (509) 467-8082

Heat Pump & Heat Recovery



2 through 5 Ton
Heat Pump
Horizontal Discharge
230v 1p



Golden fin condenser
*1500 HR
Salt Spray Standard

Basic Module: 72/96/120/144/168K BTU/hr



Heat Pump & Heat Recovery
Top Discharge
6 through 14 Ton
Combine to 30 Ton
230v & 460v 3p

Two Modules: 144~240 BTU/hr



Three Modules: 216~360K BTU/hr



72

96

120

K BTU/hr

combine

72

~

360

K BTU/hr



Golden fin condenser



Inner groove copper



Quiet function



High efficiency



Intelligent defrosting



Compact design



Wide voltage range



Wide operation range



Modular operating



Long-distance monitoring



Comprehensive protection



Easier maintainability



Centralized control

Specialty ODU Heat Pump & Heat Recovery



36/48K
3-4 Ton Solar Power
Heat Pump



6 Ton Solar Power
Heat Pump



8-10 Ton Solar Power
Heat Pump



Ultra Heating Heat Pump
Stable at -31°F
2-4 Ton / 230v 1p



Ultra Heating Heat Pump
Stable at -31°F
6-8 Ton / 230v 3p

Solar PV Powered

Type	Capacity	GREE	Competitor
Solar HP Generation 2	6, 8, 10 Ton	✓	X
Solar HP Generation 2	6, 8, 10 Ton	✓	X
Ultra Heating HP	3, 4 Ton	✓	✓ / X
Ultra Heating HR	6, 8 Ton	✓	X
Water Cooled HP	6, 8, 10 Ton	✓	X
PTAC VRF	1 Ton	✓	X



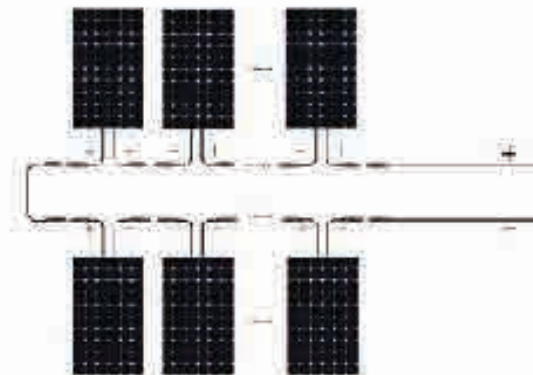
Ultra Heat
Recovery Unit

Ultra Heating
Heat Pump
Stable at -31°F

6-8 Ton / 230v 3p



Water Cooled
Heat Pump &
Heat Recovery
6, 8, 10 Ton



All DC inverter
technology



High
ESP



Quiet
function

Heat Recovery Selection Boxes



NCHS1B(U)



NCHS2B(U)



NCHS4B(U)



NCHS8B(U)



PTAC VRF

1 Ton

Replace PTACS with
one or two remote
indoor units



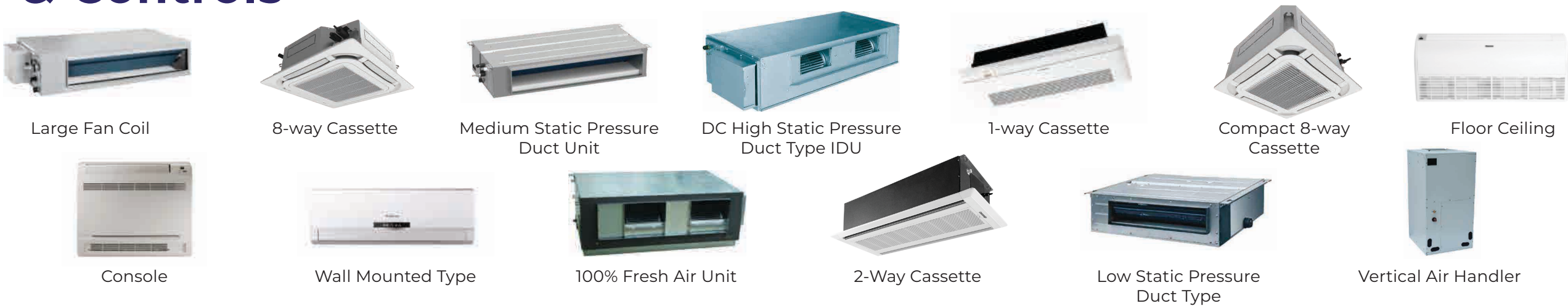
GMV5 VRF Indoor Units & Controls



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Indoor Unit Flexibility



Indoor Unit Capacities

Capacity (BTU/h)	6	7	9	12	14	15	18	22	24	30	36	42	48	54	72	96	192
DC Super High Static Pressure Duct Unit		●	●	●		●	●	●	●	●	●	●	●	●	●	●	
DC 4-way Cassette Type IDU GMV-ND***T/A-T		●	●	●		●	●		●	●	●	●	●				
DC 4-Way Compact Cassette Type IDU GMV-ND***T/B-T		●	●	●		●	●										
DC 1-Way Cassette Type IDU GMV-ND***TD/A-T		●	●	●													
DC 2-Way Cassette Type IDU GMV-ND***TS/A-T			●	●		●	●		●								
DC High Static Pressure Duct Type IDU GMV-ND***PHS/A-T							●		●	●	●	●	●		●	●	
DC Medium Static Pressure Duct Unit										●	●	●	●				
DC Floor Ceiling Type Unit GMV-ND***ZD/A-T			●	●			●		●	●	●	●	●				
DC Low Static Pressure Duct Unit		●	●	●	●		●	●	●								
Wall-Mounted Type Unit GMV-N***G/A3A-K	●	●	●	●	●		●		●	●	●						
Console Type Unit GMV-N***C/A-T (Heat Pump GMV?NR***C/A-T only)	●	●	●	●			●										
Vertical Air Handler			●	●			●		●	●	●	●	●	●			
Fresh Air Unit GMV-NX**P/A(X*)-K(or M) Heat Pump											●	●	●	●	●	●	

Control Systems

