

HP-MS-9 - RXYQ240AATJA

Capacity data at conditions and connection ratio (100) as entered

| Name | FCU | Cooling | | | |
|----------------|-------------|-------------|-----------------|-------------|-----------------|
| | | Tmp C °F | Max TC BTU/h | Tevap °F | Max SC BTU/h |
| UV-MS-33 box 1 | EKEXV125-US | n/a | 52,547 | 42.8 | n/a |
| UV-MS-34 box 1 | EKEXV125-US | n/a | 52,547 | 42.8 | n/a |
| UV-MS-35 box 1 | EKEXV125-US | n/a | 52,547 | 42.8 | n/a |
| UV-MS-36 box 1 | EKEXV125-US | n/a | 52,547 | 42.8 | n/a |
| UV-MS-37 box 1 | EKEXV125-US | n/a | 52,547 | 42.8 | n/a |

| Name | FCU | Heating | |
|----------------|-------------|-------------|-----------------|
| | | Tmp H °F | Max HC BTU/h |
| UV-MS-33 box 1 | EKEXV125-US | n/a | n/a |
| UV-MS-34 box 1 | EKEXV125-US | n/a | n/a |
| UV-MS-35 box 1 | EKEXV125-US | n/a | n/a |
| UV-MS-36 box 1 | EKEXV125-US | n/a | n/a |
| UV-MS-37 box 1 | EKEXV125-US | n/a | n/a |

| Name | FCU | Room Sound dBA | PS | MCA MOP A | WxHxD inch | Weight lbs |
|----------------|-------------|-------------------|--------|--------------|------------------|---------------|
| UV-MS-33 box 1 | EKEXV125-US | - | 12 1ph | | 8.5 x 15.8 x 3.1 | 6.4 |
| UV-MS-34 box 1 | EKEXV125-US | - | 12 1ph | | 8.5 x 15.8 x 3.1 | 6.4 |
| UV-MS-35 box 1 | EKEXV125-US | - | 12 1ph | | 8.5 x 15.8 x 3.1 | 6.4 |

HP-MS-9 - RXYQ240AATJA

| Model | Quantity | Description |
|----------------|----------|---|
| RXYQ240AATJA | 1 | VRV EMERION (208-230V) (VRV EMERION (208-230V)) |
| EKEXV125-US | 5 | AHU INTEGRATION VALVE KIT |
| KHRP26A33TA | 1 | Refnet branch piping kit |
| KHRP26M72TUA | 2 | Refnet branch piping kit |
| KHRP26M73TUA | 1 | Refnet branch piping kit |
| BRC1E73 | 5 | new Navigation Remote Controller |
| EKEQM/CBAV3-US | 5 | AHU Kit Z-control box |

| Piping | Liquid ft | Suction ft | Total ft |
|--------|--------------|---------------|-------------|
| 3/8" | 366.0 | 0.0 | 366.0 |
| 1/2" | 20.4 | 0.0 | 20.4 |
| 5/8" | 21.4 | 366.0 | 387.4 |
| 3/4" | 45.2 | 0.0 | 45.2 |
| 1" | 0.0 | 20.4 | 20.4 |
| 1 1/4" | 0.0 | 45.1 | 45.1 |
| 1 3/8" | 0.0 | 21.5 | 21.5 |

Refrigerant information

| Refrigerant type | GWP | Base charge lbs | Extra charge lbs | Total refrigerant charge lbs | Total CO2 equivalent tonnes |
|------------------|--------|--------------------|---------------------|------------------------------------|-----------------------------------|
| R410A | 2087.5 | 25.79 | 45.60* | 71.39 | 67.60 |

ELITECAD

DESIGNS

1089 Wall Street West, Suite 369
Lynbrook, N.Y. 11590
Tel: 516.272.5822
Fax: 516.272.5823

DRAWING NOTES AND SYMBOLS

REFERENCE DRAWINGS

| TRADE | DESCRIPTION | DATE | REV |
|------------|-------------|------|-----|
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |

RECORD OF TRADE COORDINATION

| TRADE | COMPANY | DATE | AUTHORIZED SIGNATURE |
|------------|---------|------|----------------------|
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |
| MECHANICAL | | | |
| ELECTRICAL | | | |
| PLUMBING | | | |

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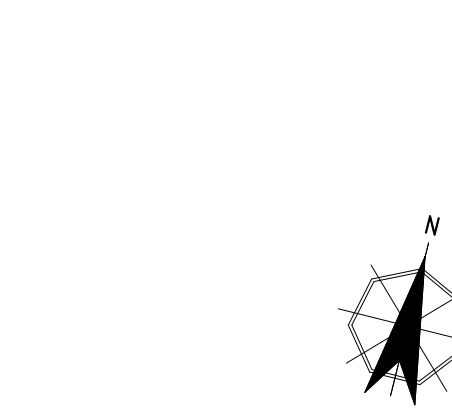
ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

VERIFY THAT LINE ABOVE IS 1" LONG. PRINT MAY HAVE BEEN REDUCED.

| REV | DATE | DESCRIPTION |
|-----|------------|-------------------------------|
| 0 | 01/18/2024 | SUBMITTED FOR APPROVAL |
| 1 | 01/22/2024 | DRAWING VRF & MATERIALS ADDED |

KEY PLAN



| | |
|---------|---|
| ARCH | KSQ Design |
| ENG | Sage Engineering Associates |
| PROJECT | Bay View School 50 Bayview Rd #1 Lynbrook, NY 11590 |
| TITLE | REFRIGERANT LENGTHS OVERALL DIAGRAM |
| DATE | 01/18/2024 |
| SCALE | MM |
| PROJECT | MM |
| JOB NO | J23-299 |
| REV | 1 |