TRANE® / MITSUBISHI ELECTRIC

System Quick Reference Guide

CITY MULTI R2-SERIES (HEAT RECOVERY)

- TURY (Air-source)
- TQRY (Water-source)
- Targeted for use in commercial applications
- Provides simultaneous cooling & heating through a branch circuit (BC) controller
- Capacity: 6–28 tons
- Three phase power
- Connect up to 50 indoor units with 50–150% connected capacity allowed

Note: Branch circuit controller required.

CITY MULTI Y-SERIES (HEAT PUMP)

- TUHY (Air-source)
- TQHY (Water-source)
- Targeted for use in commercial applications
- All indoor units operate in the same mode
- Capacity: 6–36 tons
- Three phase power
- Connect up to 50 indoor units with 50–130% connected capacity allowed

S-SERIES

- TUMY (Heat Pump)
- Targeted for use in light commercial or large-scale residential applications
- All indoor units operate in the same mode
- Capacity: 3–5 tons
- H2i® models: 3 and 4 ton capacities
- Single phase power
- Connect up to 12 indoor units with 50–130% connected capacity allowed

NV-SERIES

- NTXSP (Heat Pump)
- NTYSS (Cooling Only)
- NTXM (Multi-zone Heat Pump)
- Targeted for use in residential applications
- Capacity: 0.75–5 tons
- Single phase power
- Range from 1-to-1 systems to multi-zone systems with up to 8 zones

Note: Simultaneous cooling & heating is not available with NTXM Branch Box systems.

P-SERIES

- TRUZ (Heat Pump)
- TRUY (Cooling Only)
- Targeted for use in residential and light commercial applications with 24/7 cooling requirements
- Capacity: 1–3.5 tons
- Single phase power
- Designed for 1-to-1 installations

CITY MULTI® Outdoor Unit Model Number Reference Guide

T U R Y P 1 6 8 3 A N 4 0 A N

BRAND NAME
T = Trane

CONFIGURATION
U = Air Cooled
Q = Water Cooled

UNIT TYPE
R = Heat Recovery
H = Heat Pump
M = Single Phase HP

Y = Inverter Compressor

PERFORMANCE
P = Standard Efficiency
E = High Efficiency
H = Hyper-Heat

CAPACITY (BTUH)

072 = 72,000	264 = 264,000
096 = 96,000	288 = 288,000
120 = 120,000	312 = 312,000
144 = 144,000	336 = 336,000
168 = 168,000	360 = 360,000
192 = 192,000	384 = 384,000
216 = 216,000	408 = 408,000
240 = 240,000	432 = 432,000

VOLTAGE
3 = 208/230V/3P/60Hz
4 = 460V/3P/60Hz
1 = 208/230V/1P/60Hz

MODULE SIZE
A = Single
B = Double
C = Triple

GENERATION CODE
N = 9th Generation

REFRIGERANT
4 = R410a

MAJOR CHANGE
0 = 1st Generation
1 = 2nd Generation
2 = 3rd Generation

MINOR CHANGE
A = 1st Generation
B = 2nd Generation

COIL COATING
N = Standard (No Coating)
B = BS Salt Protection

NOTE: S-SERIES ONLY
NA = Standard (No Coating)
BA = Salt Protection

CITY MULTI® Indoor Unit
Model Number Reference Guide

T P K F Y P 0 2 4 B M 1 4 0 A

BRAND NAME
T = Trane

MODEL FAMILY
P = Packaged AC

APPLICATION
K = Wall Mounted
L = Ceiling Cassette (4-way)
M = Ceiling Cassette (1-way)
C = Ceiling Suspended
E = Ceiling Concealed Ducted
F = Floor Standing
V = Multi-position Air Handler
W = Hydronic Heat Exchanger

UNIT TYPE
FYP = Indoor Unit

CAPACITY (BTUH)
005 = 5,000
006 = 6,000
008 = 8,000
012 = 12,000
015 = 15,000
018 = 18,000
024 = 24,000
027 = 27,000
030 = 30,000
036 = 36,000
048 = 48,000
054 = 54,000
072 = 72,000
096 = 96,000
120 = 1,200CFM

CONFIGURATION
BM = Small Cabinet (Wall Mounted, 1 way cassette)
HM = Medium Cabinet (Wall Mounted)
KM = Large Cabinet (Wall Mounted, Ceiling Suspended)
EM = 33″ x 33″
FM = 24″ x 24″
MS = Low Profile
MA = Medium Static
MH = High Static
RE = Concealed
CS = Exposed
AM = Air Handler
OA = All Fresh Type
AF = DOAS w/o Reheat
AR = DOAS with Reheat
AU = Hydro HEX Unit
BU = Hydro HEX with Booster

VOLTAGE
1 = 208/230V/1P/60Hz

REFRIGERANT
4 = R410a

GENERATION
0 = 1st Generation
1 = 2nd Generation
2 = 3rd Generation

MINOR DESIGN SEQUENCE
A = Original Model
B = First Revision
C = Second Revision

BC Controller
Model Number Reference Guide

T C M B M 0 1 0 8 J A 1 1 N 4

BRAND NAME
T = Trane

Model Number
CMB = Branch Controller

UNIT TYPE
M = Main
S = Sub
G = Single

 # OF BRANCHES
0104 = 4 Branches
0106 = 6 Branches
0108 = 8 Branches
1012 = 12 Branches
1016 = 16 Branches

UNIT APPLICATION
SJ1 = J1 Single
JA1 = JA1 Main
KA1 = KA1 Main
KB1 = KB1 Sub

VOLTAGE
1 = 208/230V/1P/60Hz

GENERATION CODE
N = 9th Generation

REFRIGERANT
4 = R410A

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