

UNITECH

International (Pvt) Ltd.

15-YEAR LICENSED MANUFACTURING
PARTNERS WITH **PACKO-INOX**

OM/DX 500 T2 - OM/DX 3200 T2



DIRECT EXPANSION COOLING | HYGIENIC | ENERGY EFFICIENT | ISO 5708 COMPLIANT

DESIGNED FOR SMALL TO LARGE DAIRY FARMS REQUIRING
**FAST COOLING, HYGIENIC MILK STORAGE, AND RELIABLE
OPERATION.** USING DIRECT EXPANSION TECHNOLOGY, THE
SYSTEM COOLS MILK RAPIDLY WHILE MAINTAINING UNIFORM
TEMPERATURE AND PRESERVING MILK QUALITY.



TECHNICAL SPECIFICATIONS

| MODEL | CONSTRUCTION | AGITATION | COOLING MACHINE | EVAPORATOR | COOLING TYPE (T2) 35°C-4°C | AMPERE S (A) | DIMENSION MILK TANK (LXWXH) MM | DIMENSION COOLING MACHINE (LXWXH) MM |
|-------------------|--------------------------|---------------------|-----------------|---------------------------------|-------------------------------|--------------|-----------------------------------|-----------------------------------------|
| OM/DX 500 | AISI Stainless Steel 304 | 30-36 RPM (Unitech) | 1.75 HP | Laser Welded Pillow plate (HEX) | ≤3 hours | 9.5 (1φ) | 118 x 880 x 1185 | 530 x 730 x 675 |
| OM/DX 1000 | AISI Stainless Steel 304 | 30-36 RPM (Unitech) | 3/3.5HP | Laser Welded Pillow plate (HEX) | ≤3 hours | 12 (1φ) | 1930 x 1080 x 1190 | 625 x 1000 x 675 |
| OM/DX 1800 | AISI Stainless Steel 304 | 30-36 RPM (Unitech) | 5/5.5HP | Laser Welded Pillow plate (HEX) | ≤3 hours | 9.5 (3φ) | 2330 x 1440 x 1390 | 680 x 1130 x 980 |
| OM/DX 2300 | AISI Stainless Steel 304 | 30-36 RPM (Unitech) | 6/6.5HP | Laser Welded Pillow plate (HEX) | ≤3 hours | 10 (3φ) | 2680 x 1440 x 1390 | 680 x 1130 x 980 |
| OM/DX 3200 | AISI Stainless Steel 304 | 30-36 RPM (Unitech) | 10 HP | Laser Welded Pillow plate (HEX) | ≤3 hours | 12 (3φ) | 3004 x 1440 x 1470 | 900 x 1500 x 900 |

STANDARD FEATURES

- ALL MILK COOLING TANKS COME EQUIPPED WITH PUF **(CFC-FREE)** INSULATION
- ALL MILK COOLING TANKS COME EQUIPPED WITH A DIGITAL MILK TEMPERATURE CONTROLLER **(EMERSON-EU)**
- ALL MILK COOLING TANKS COME EQUIPPED WITH **R-404A** AS STANDARD (R-448A ALSO AVAILABLE AS AN ADDED OPTION)
- ALL MILK COOLING TANKS ARE CLASSIFIED AS "2AII" **(2-MILKING, DESIGNED FOR AMBIENT TEMPERATURES 46°C, ≤3 HOURS COOLING TIME)**
- FACTORY QUALITY CONTROL & TESTING BEFORE DISPATCH.
- ALL MILK COOLING TANKS COME EQUIPPED WITH SAFETY EQUIPMENT SUCH HAS HP/LP SWITCHES, UNDER/OVER VOLTAGE SAFETIES, COMPRESSOR START DELAY, OVER/UNDER TEMPERATURE ALARMS, AND PHASE FAILIURE RELAY.

ISO 5708 COMPLIANCE

- ENGINEERED AND MANUFACTURED IN ACCORDANCE WITH THE GLOBAL BENCHMARK FOR BULK MILK COOLERS.
- MANUFACTURING BASED ON EUROPEAN DESIGN PRACTICES.
- FACTORY QUALITY CONTROL & TESTING BEFORE DISPATCH.

IDEAL FOR

- DAIRY FARMS
- MILK COLLECTION CENTERS
- COOPERATIVE SOCIETIES
- COMMERCIAL MILK PRODUCERS
- EXPORT-ORIENTED DAIRY OPERATIONS

TRUSTED BY LEADING DAIRY PROCESSORS IN PAKISTAN AND INTERNATIONAL MARKETS